

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020396.D
 Acq On : 24 Feb 2021 15:10
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010164

Quant Time: Feb 24 17:32:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 17:31:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	553621	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	536393	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	288749	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27836	7.93	ug/L	0.00
7) Chloroethane-d5	1.571	69	26358	9.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	58295	9.99	ug/L	0.00
21) 2-Butanone-d5	3.905	46	40151	17.33	ug/L	0.01
24) Chloroform-d	4.355	84	64826	9.74	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	40627	9.59	ug/L	0.00
32) Benzene-d6	5.056	84	120423	9.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	37030	8.77	ug/L	0.00
41) Toluene-d8	7.320	98	111097	8.92	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	16164	7.88	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	23602	13.33	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	51009	8.64	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	51493	9.69	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	47080	11.74	ug/L	96
3) Chloromethane	1.243	50	40522	9.38	ug/L	97
5) Vinyl chloride	1.310	62	42485	10.67	ug/L	96
6) Bromomethane	1.523	94	28863	12.63	ug/L	98
8) Chloroethane	1.587	64	26959	11.03	ug/L	99
9) Trichlorofluoromethane	1.754	101	64549	11.13	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	36199	11.74	ug/L	94
12) 1,1-Dichloroethene	2.121	96	33110	11.41	ug/L	97
13) Acetone	2.182	43	31203	20.71	ug/L	96
14) Carbon disulfide	2.297	76	83217	10.05	ug/L	98
15) Methyl Acetate	2.439	43	32300	9.73	ug/L	100
16) Methylene chloride	2.510	84	37833	10.94	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	34156	10.58	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	100244	9.92	ug/L	98
19) 1,1-Dichloroethane	3.195	63	62810	10.53	ug/L	96
20) cis-1,2-Dichloroethene	3.921	96	37422	10.34	ug/L	92
22) 2-Butanone	3.992	43	40100	16.98	ug/L	92
23) Bromochloromethane	4.256	128	20421	10.29	ug/L	89
25) Chloroform	4.381	83	68981	10.64	ug/L	98
27) 1,2-Dichloroethane	5.140	62	52014	10.35	ug/L	98
29) Cyclohexane	4.683	56	47419	8.99	ug/L #	92
30) 1,1,1-Trichloroethane	4.613	97	57594	9.75	ug/L	97
31) Carbon tetrachloride	4.834	117	49319	9.62	ug/L	99
33) Benzene	5.104	78	138350	9.87	ug/L	100
34) Trichloroethene	5.921	95	41704	10.57	ug/L	98
35) Methylcyclohexane	6.133	83	51353	9.01	ug/L	99
38) Bromodichloromethane	6.516	83	45836	9.01	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	48432	8.59	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	83283	16.56	ug/L	99
42) Toluene	7.394	91	148356	9.75	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	45323	8.32	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	36154	9.94	ug/L	96

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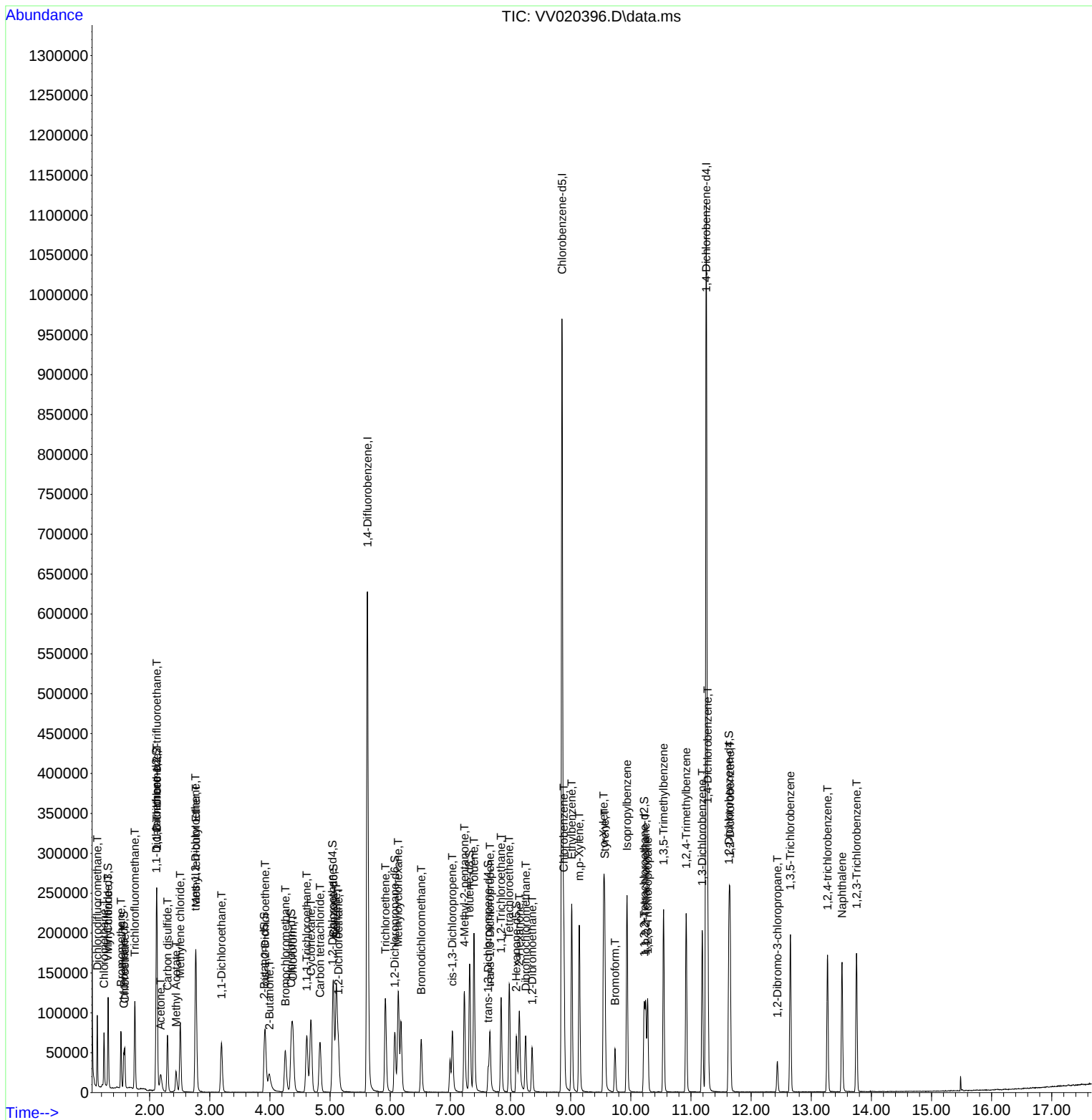
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010164

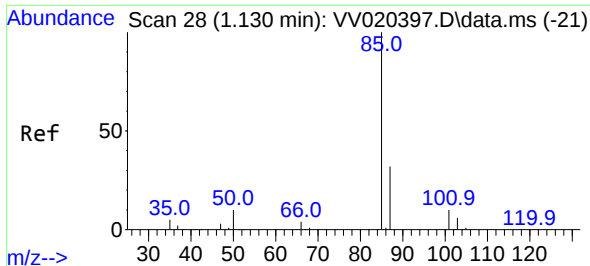
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.979	164	32079	9.99	ug/L	98
48) 2-Hexanone	8.146	43	63424	17.59	ug/L	97
49) Dibromochloromethane	8.252	129	36879	9.14	ug/L	95
50) 1,2-Dibromoethane	8.362	107	38245	9.89	ug/L	98
51) Chlorobenzene	8.886	112	105914	10.47	ug/L	97
52) Ethylbenzene	9.017	91	160029	9.59	ug/L	97
53) m,p-Xylene	9.143	106	61331	9.62	ug/L	98
54) o-Xylene	9.548	106	57587	9.15	ug/L	98
55) Styrene	9.567	104	98817	9.10	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	51218	8.70	ug/L	100
59) Bromoform	9.741	173	25002	8.02	ug/L	99
60) Isopropylbenzene	9.937	105	157352	9.48	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	48473	10.48	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	123514	8.77	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	122645	8.83	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	84197	10.05	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	90363	10.47	ug/L	98
67) 1,2-Dichlorobenzene	11.651	146	84551	10.01	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	9005	6.90	ug/L	94
69) 1,3,5-Trichlorobenzene	12.654	180	63762	9.13	ug/L	99
70) 1,2,4-trichlorobenzene	13.271	180	53446	8.38	ug/L	99
71) Naphthalene	13.512	128	129121	7.17	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	53734	8.43	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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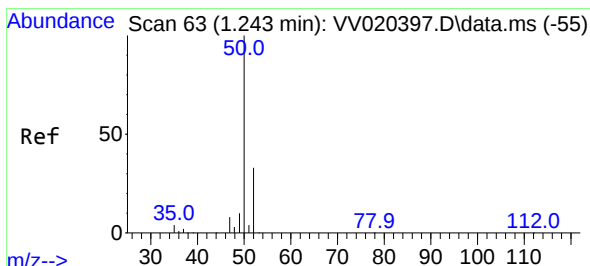
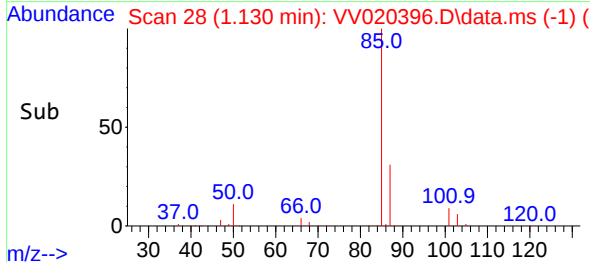
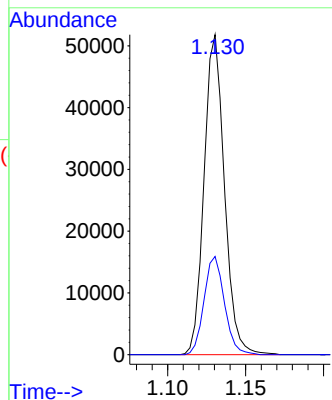
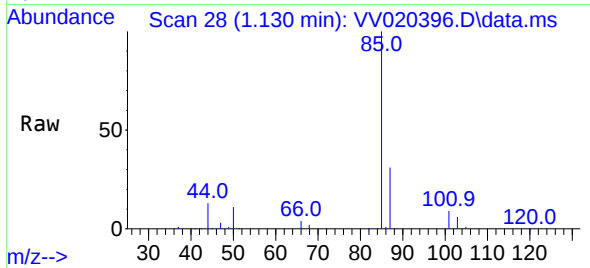




#2
 Dichlorodifluoromethane
 Concen: 11.74 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV020396.D
 Acq: 24 Feb 2021 15:10

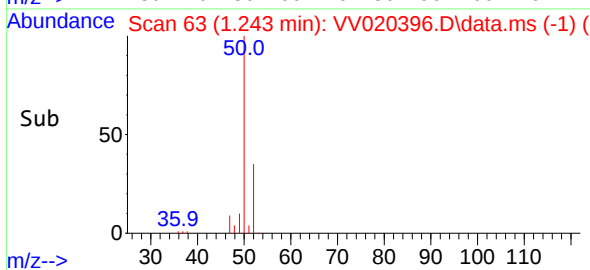
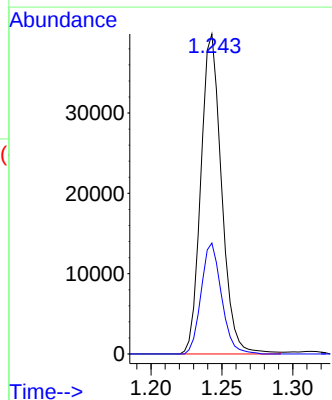
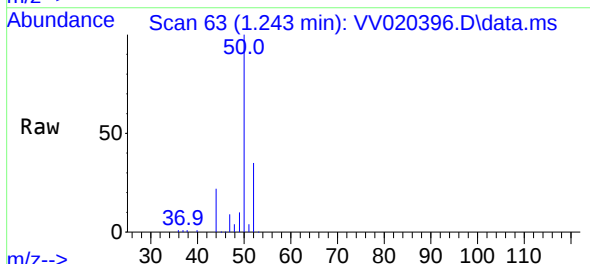
Instrument :
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 ClientSampleId :
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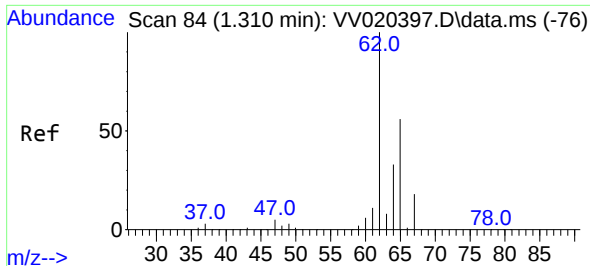
Tgt Ion: 85 Resp: 47080
 Ion Ratio Lower Upper
 85 100
 87 30.7 26.2 39.2



#3
 Chloromethane
 Concen: 9.38 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV020396.D
 Acq: 24 Feb 2021 15:10

Tgt Ion: 50 Resp: 40522
 Ion Ratio Lower Upper
 50 100
 52 34.7 22.9 42.5

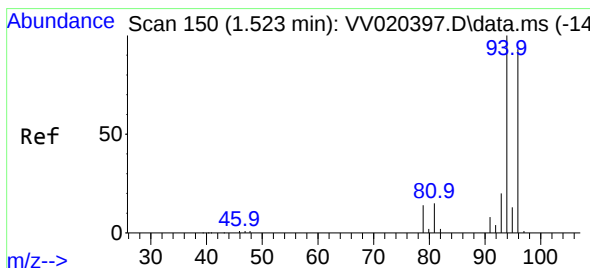
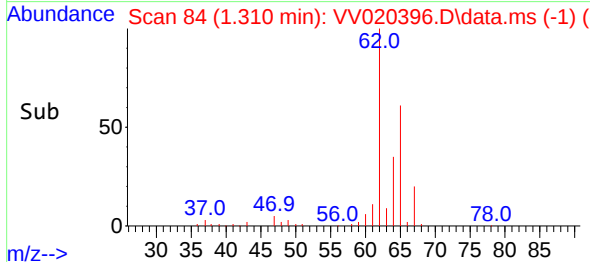
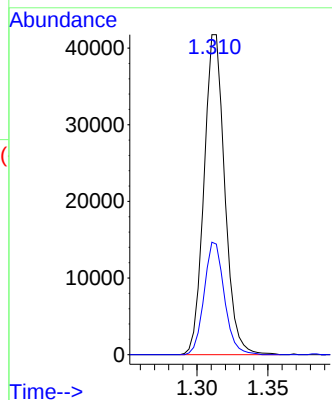
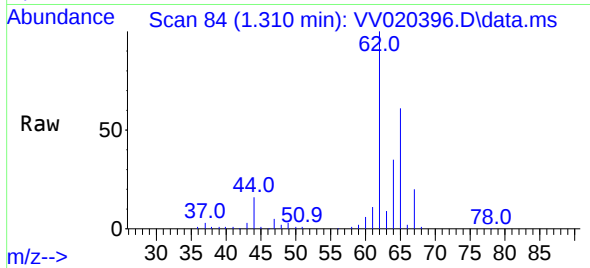




#5
 Vinyl chloride
 Concen: 10.67 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020396.D
 Acq: 24 Feb 2021 15:10

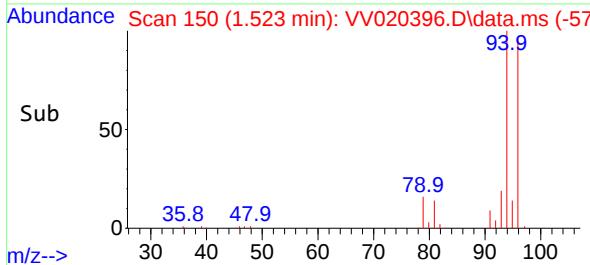
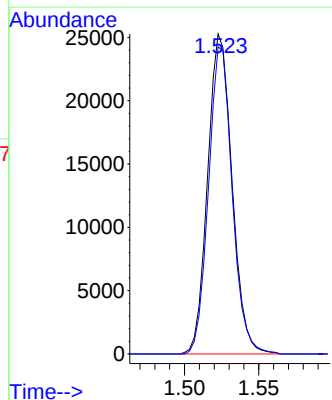
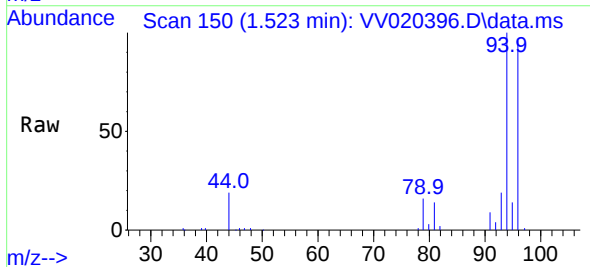
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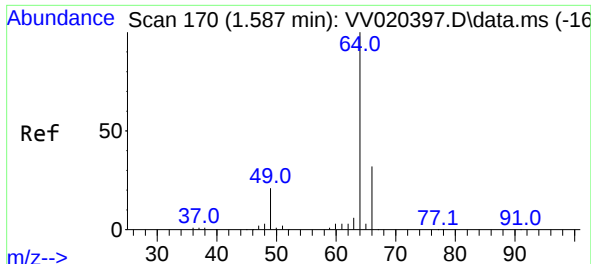
Tgt Ion: 62 Resp: 42485
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.1 42.9



#6
 Bromomethane
 Concen: 12.63 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020396.D
 Acq: 24 Feb 2021 15:10

Tgt Ion: 94 Resp: 28863
 Ion Ratio Lower Upper
 94 100
 96 96.0 65.9 122.5

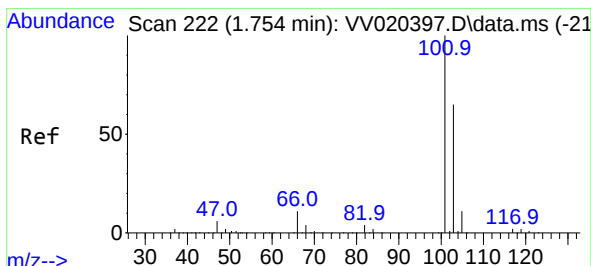
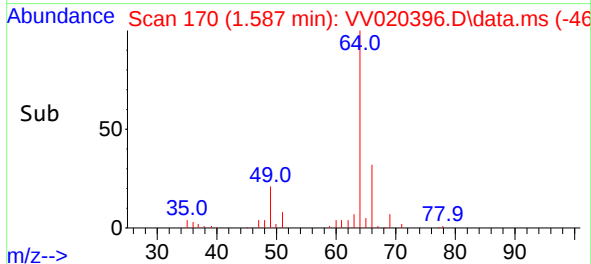
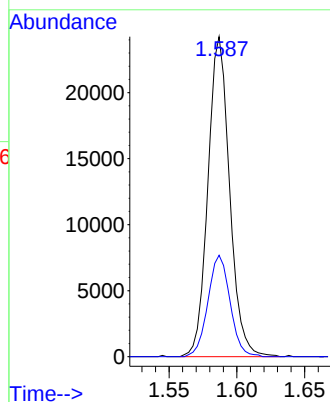
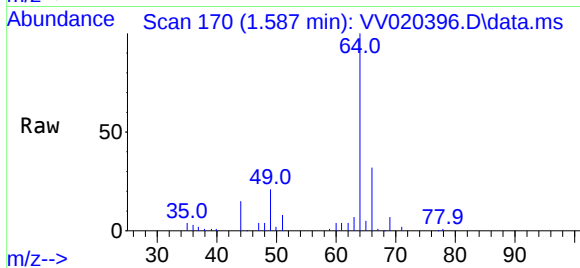




#8
Chloroethane
Concen: 11.03 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

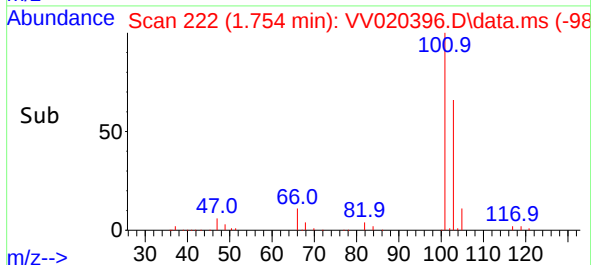
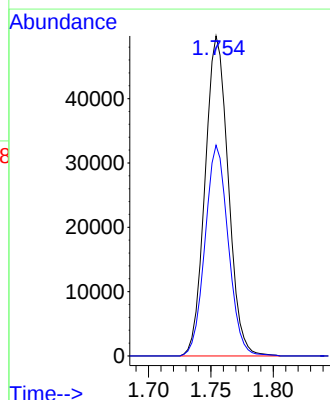
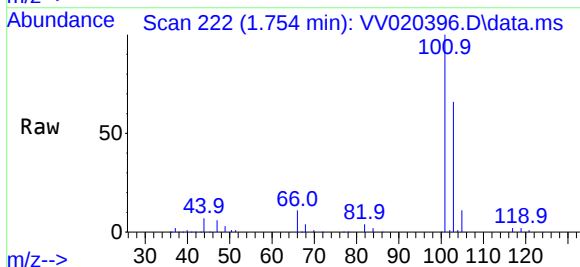
Instrument :
MSVOA_V
ClientSampled :
VSTD010164

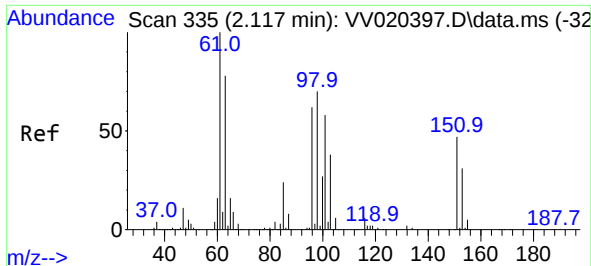
Tgt Ion: 64 Resp: 26959
Ion Ratio Lower Upper
64 100
66 31.7 21.8 40.4



#9
Trichlorofluoromethane
Concen: 11.13 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 101 Resp: 64549
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 11.74 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV020396.D

Acq: 24 Feb 2021 15:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD010164

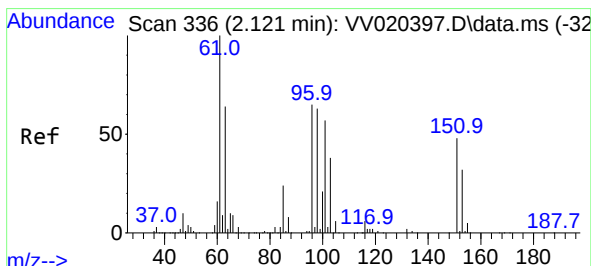
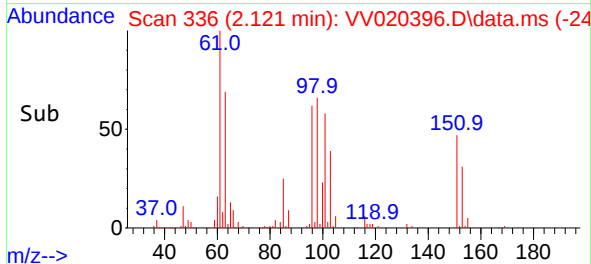
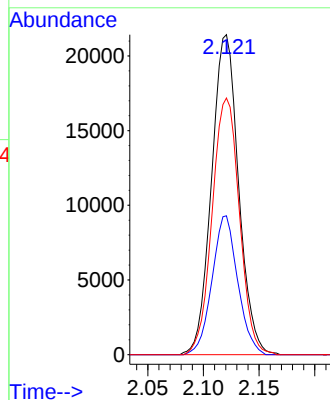
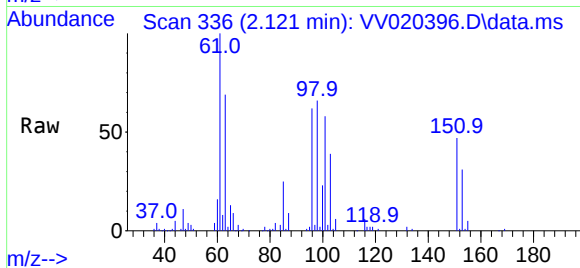
Tgt Ion:101 Resp: 36199

Ion Ratio Lower Upper

101 100

85 41.2 32.4 48.6

151 80.8 71.0 106.6



#12

1,1-Dichloroethene

Concen: 11.41 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV020396.D

Acq: 24 Feb 2021 15:10

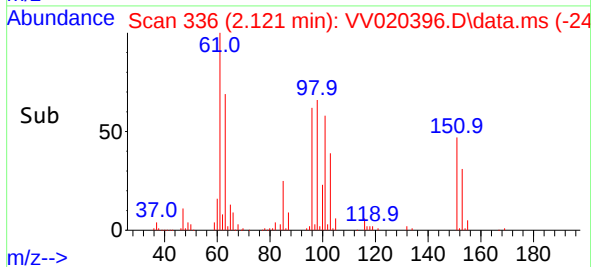
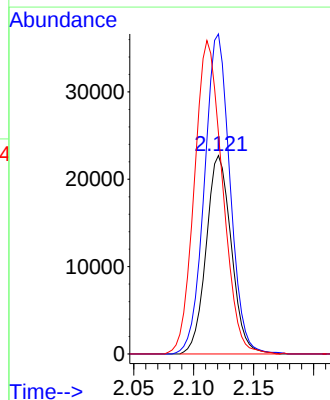
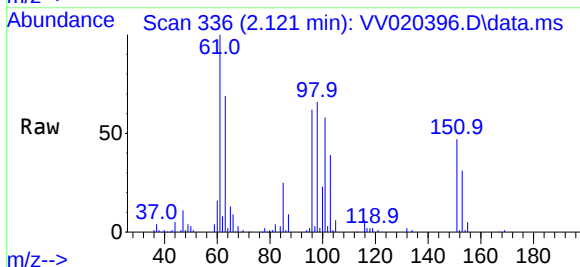
Tgt Ion: 96 Resp: 33110

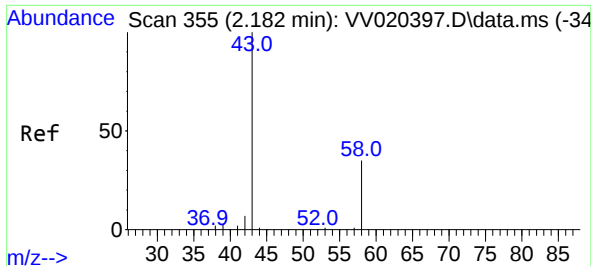
Ion Ratio Lower Upper

96 100

61 161.3 110.9 206.1

63 111.4 82.1 152.5

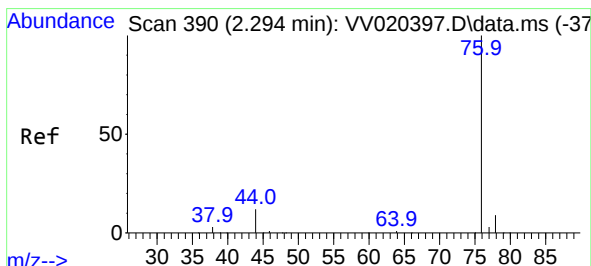
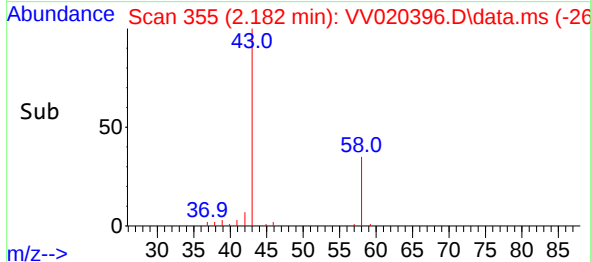
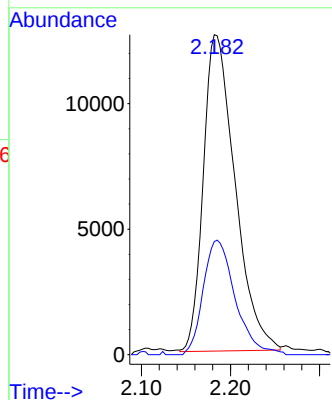
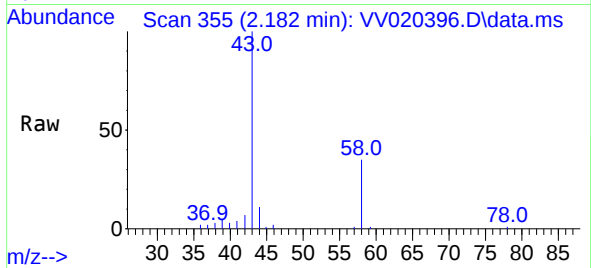




#13
Acetone
Concen: 20.71 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

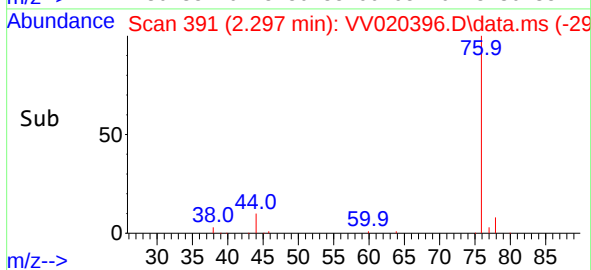
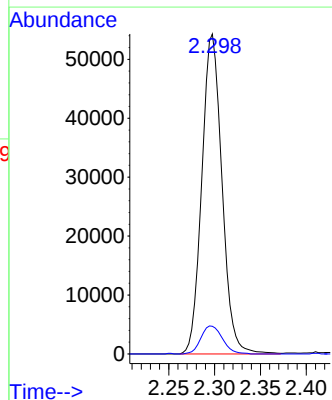
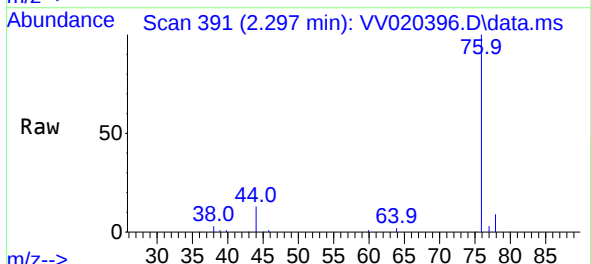
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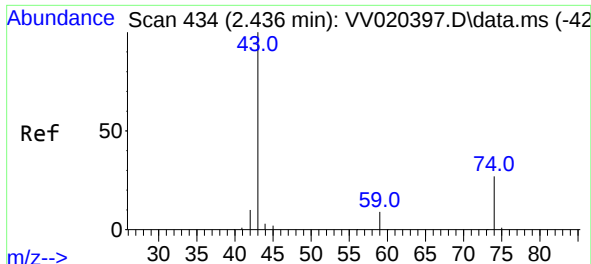
Tgt Ion: 43 Resp: 31203
Ion Ratio Lower Upper
43 100
58 36.5 0.0 68.0



#14
Carbon disulfide
Concen: 10.05 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 76 Resp: 83217
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

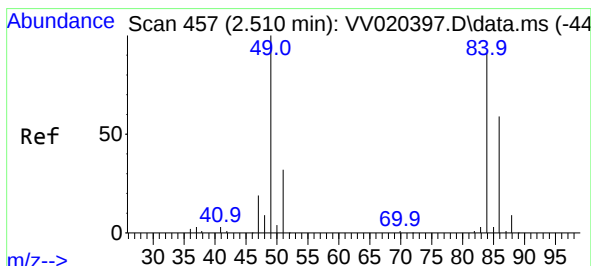
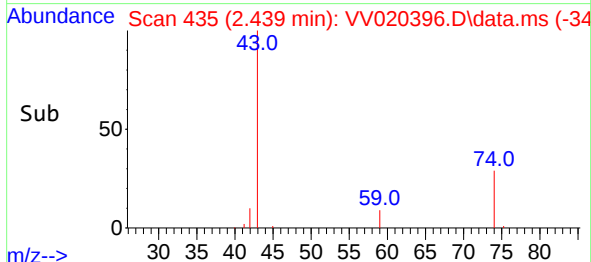
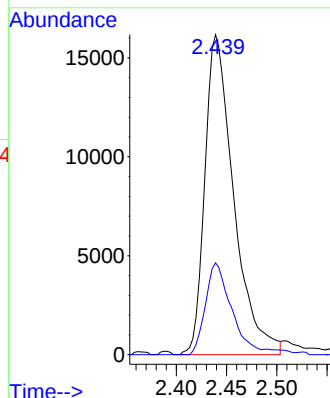
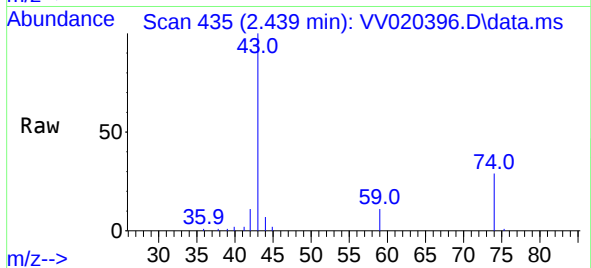




#15
Methyl Acetate
Concen: 9.73 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

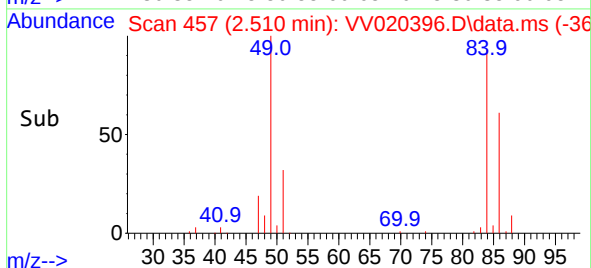
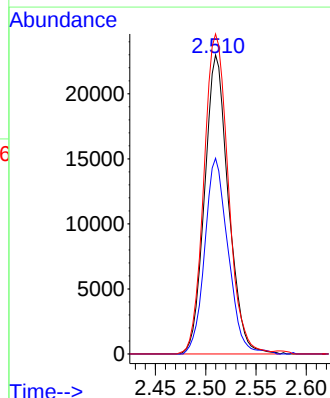
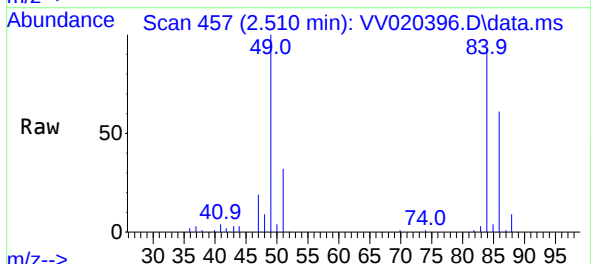
Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

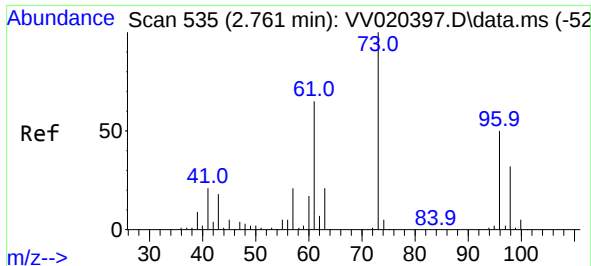
Tgt Ion: 43 Resp: 32300
Ion Ratio Lower Upper
43 100
74 25.5 20.6 30.8



#16
Methylene chloride
Concen: 10.94 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 84 Resp: 37833
Ion Ratio Lower Upper
84 100
86 65.4 44.8 83.2
49 107.0 78.5 145.7

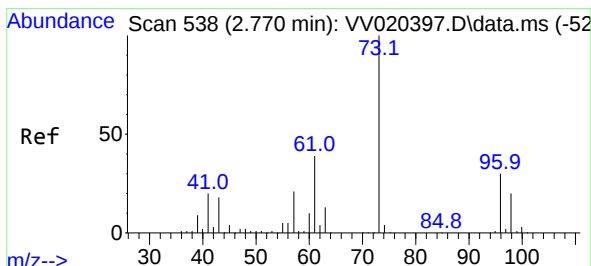
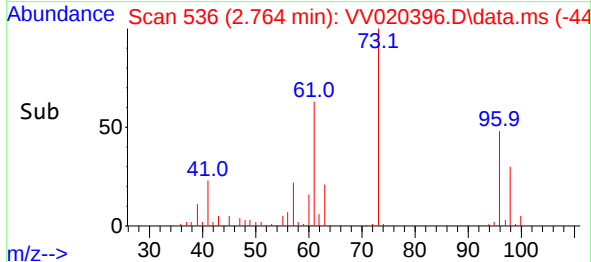
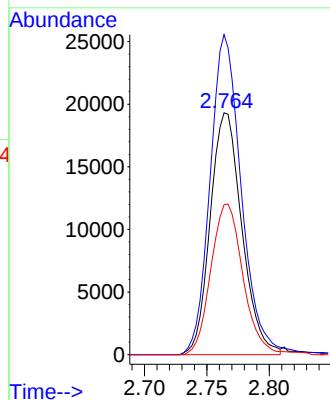
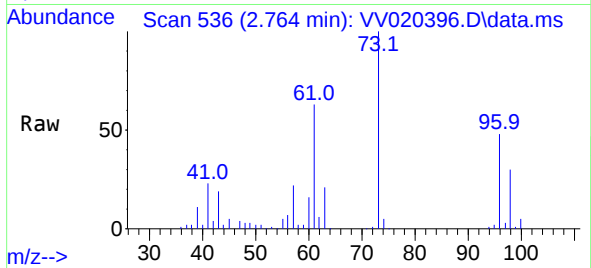




#17
trans-1,2-Dichloroethene
Concen: 10.58 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

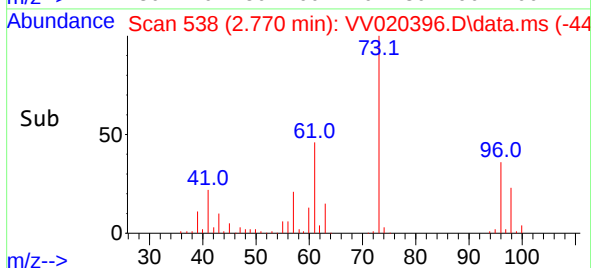
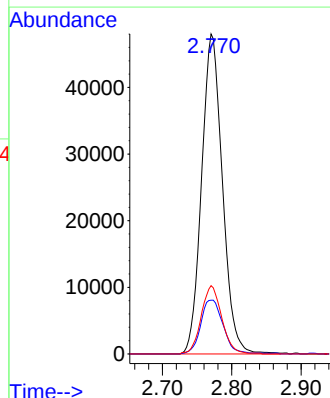
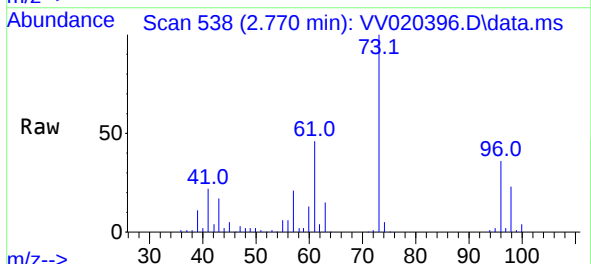
Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

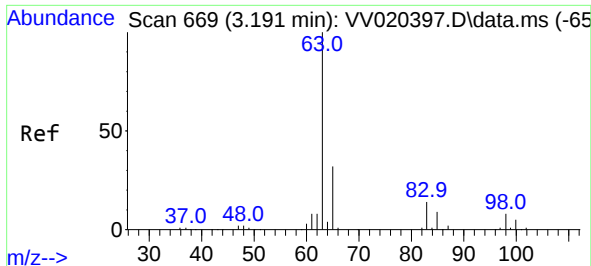
Tgt Ion: 96 Resp: 34156
Ion Ratio Lower Upper
96 100
61 132.3 92.0 170.9
98 62.0 44.2 82.2



#18
Methyl tert-butyl Ether
Concen: 9.92 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 73 Resp: 100244
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.6
57 20.9 17.2 25.8



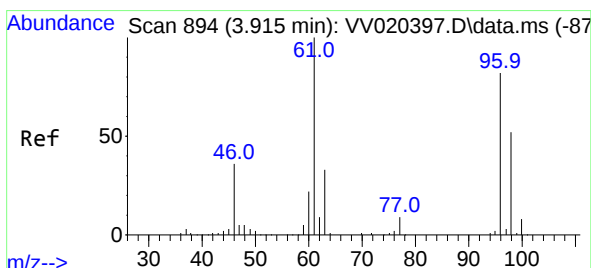
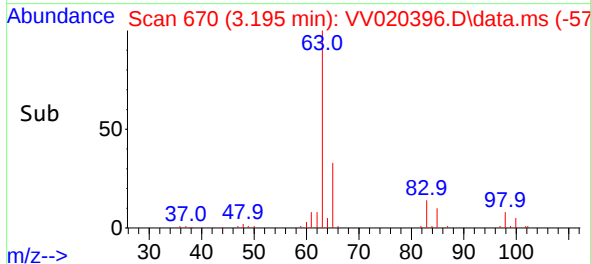
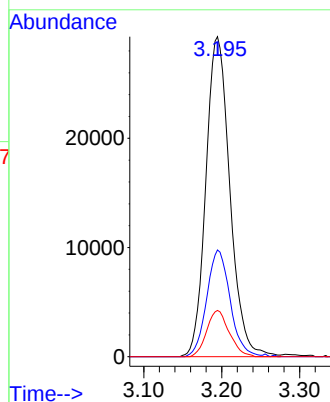
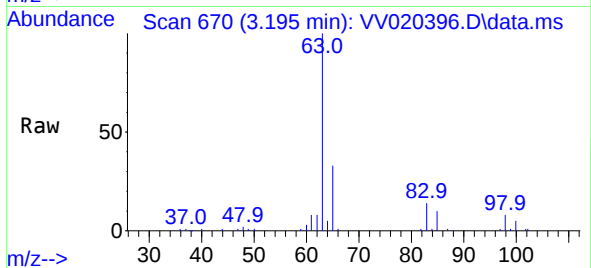


#19
1,1-Dichloroethane
Concen: 10.53 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

Tgt Ion: 63 Resp: 62810

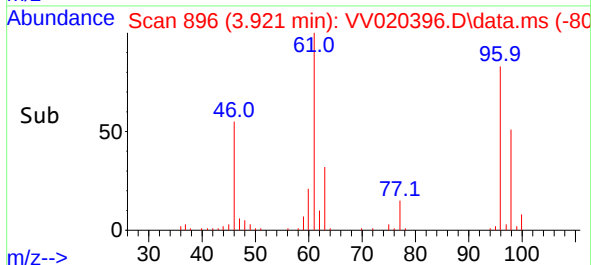
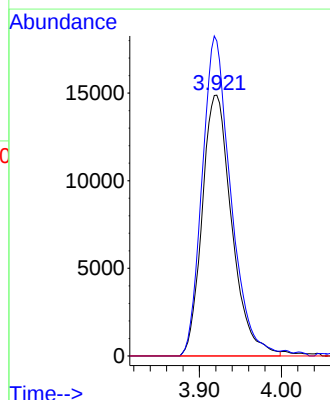
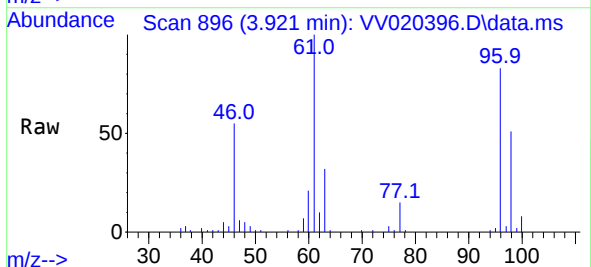
Ion	Ratio	Lower	Upper
63	100		
65	33.4	21.8	40.4
83	14.4	9.4	17.4

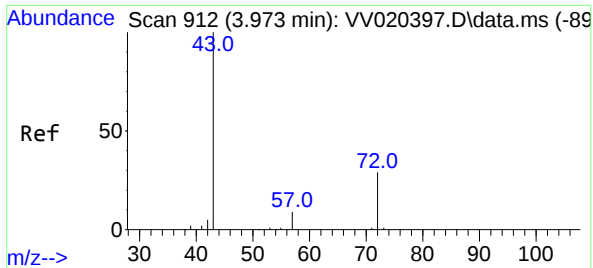


#20
cis-1,2-Dichloroethene
Concen: 10.34 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.006 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 96 Resp: 37422

Ion	Ratio	Lower	Upper
96	100		
61	120.7	90.6	168.3
68	0.0	0.0	0.0

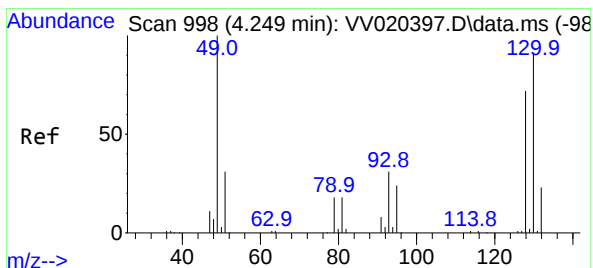
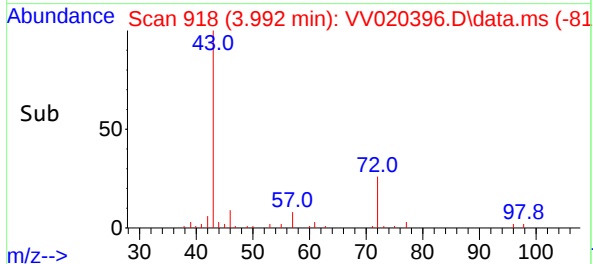
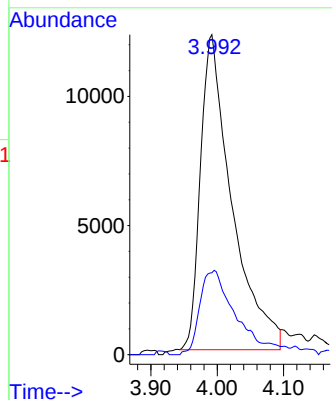
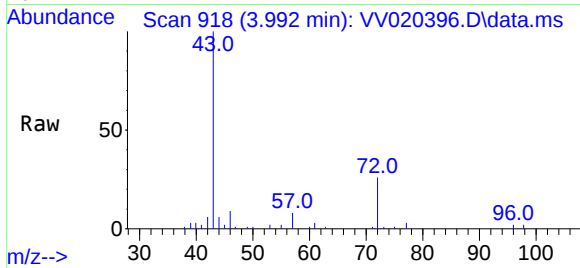




#22
2-Butanone
Concen: 16.98 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.019 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

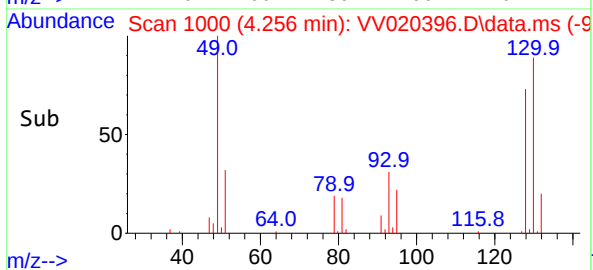
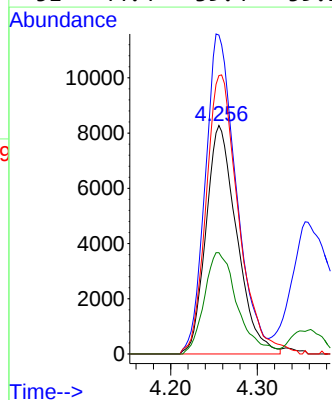
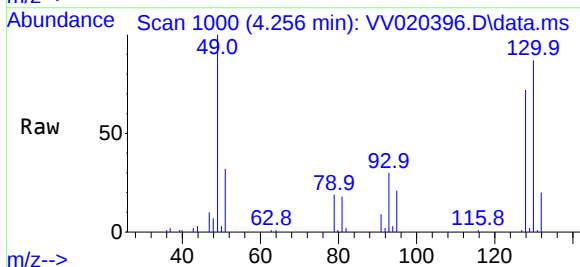
Instrument :
MSVOA_V
ClientSampled :
VSTD010164

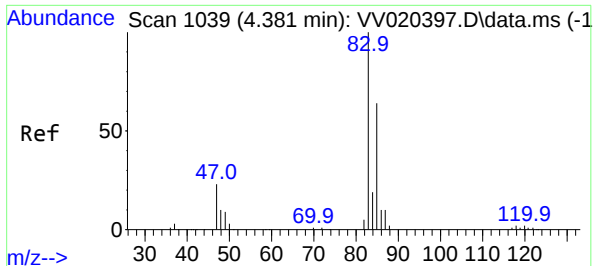
Tgt Ion: 43 Resp: 40100
Ion Ratio Lower Upper
43 100
72 29.2 12.7 38.1



#23
Bromochloromethane
Concen: 10.29 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 128 Resp: 20421
Ion Ratio Lower Upper
128 100
49 139.6 109.8 203.8
130 121.9 92.8 172.4
51 44.4 39.4 59.2



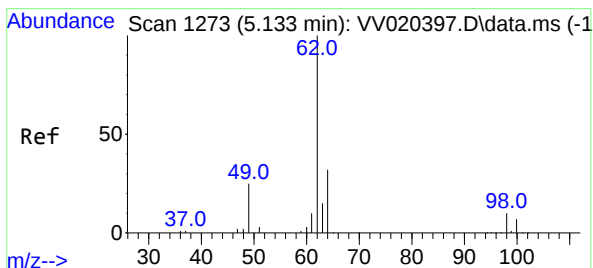
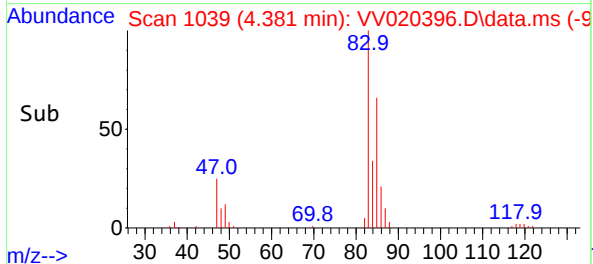
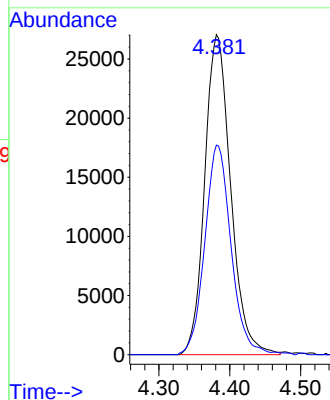
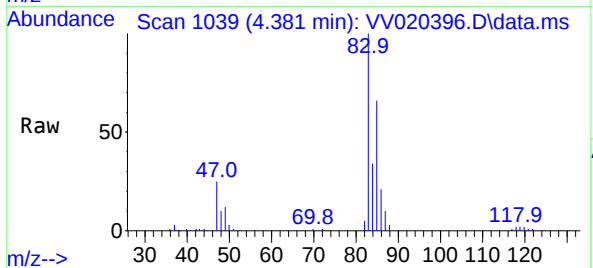


#25

Chloroform
Concen: 10.64 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

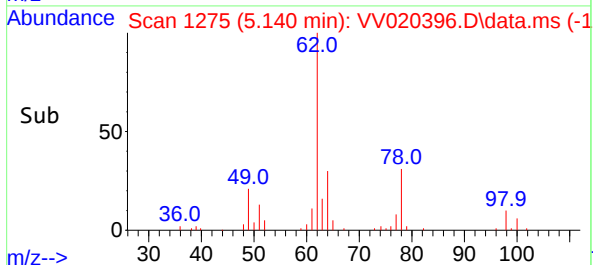
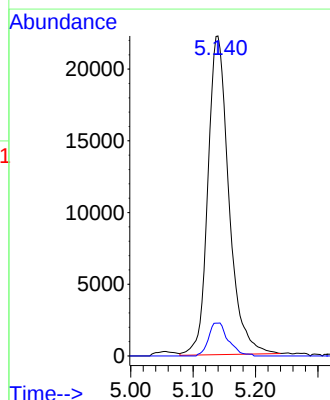
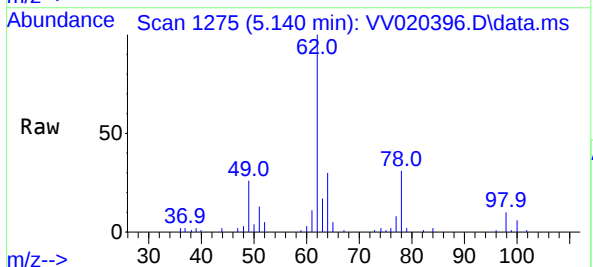
Tgt Ion: 83 Resp: 68981
Ion Ratio Lower Upper
83 100
85 65.5 44.6 82.8

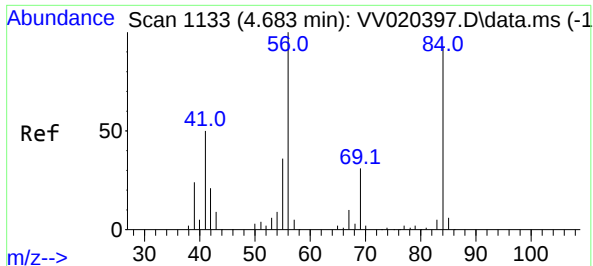


#27

1,2-Dichloroethane
Concen: 10.35 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.006 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 62 Resp: 52014
Ion Ratio Lower Upper
62 100
98 10.3 7.8 11.6





#29

Cyclohexane

Concen: 8.99 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VV020396.D

Acq: 24 Feb 2021 15:10

Tgt Ion: 56 Resp: 47419

Ion Ratio Lower Upper

56 100

69 17.5 25.1 37.7#

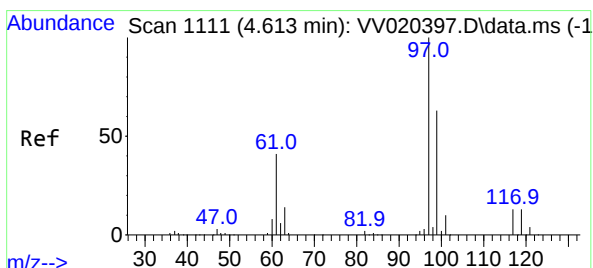
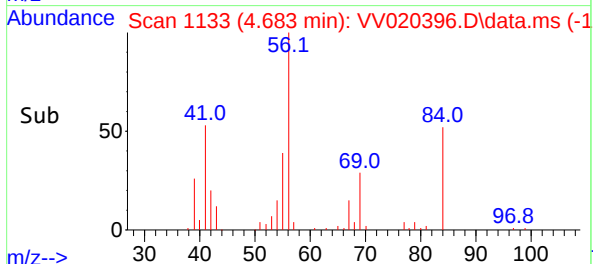
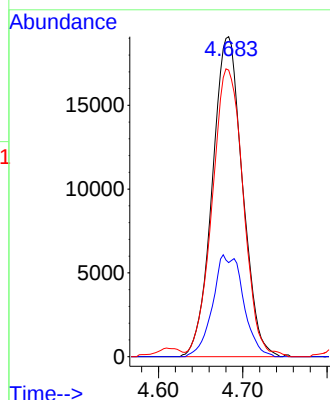
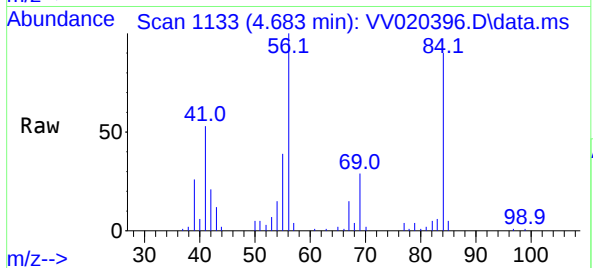
84 89.9 70.6 106.0

Instrument :

MSVOA_V

ClientSampleId :

VSTD010164



#30

1,1,1-Trichloroethane

Concen: 9.75 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VV020396.D

Acq: 24 Feb 2021 15:10

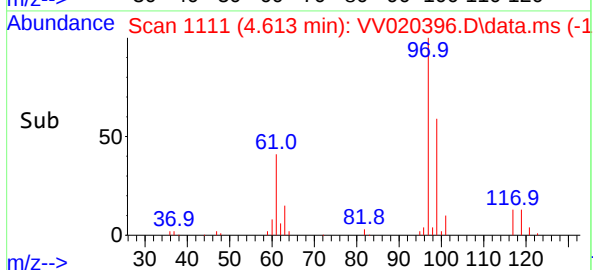
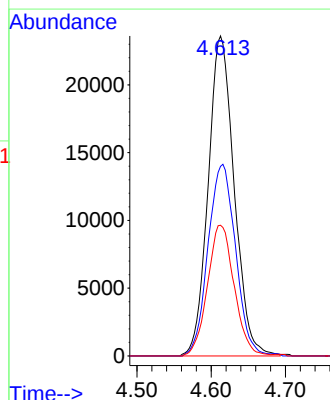
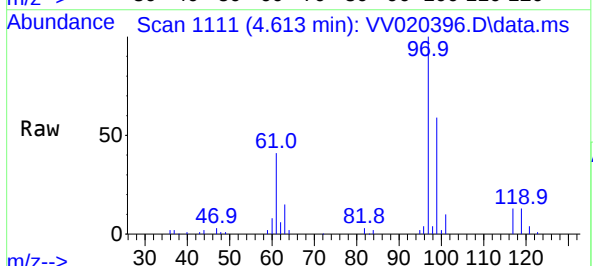
Tgt Ion: 97 Resp: 57594

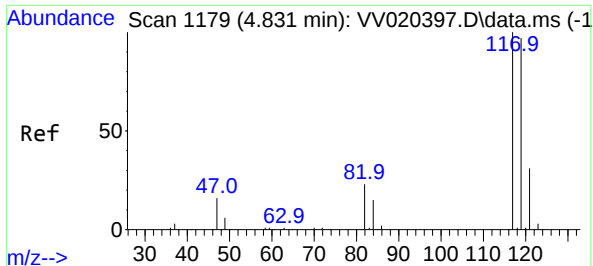
Ion Ratio Lower Upper

97 100

99 63.2 51.9 77.9

61 41.8 35.4 53.2

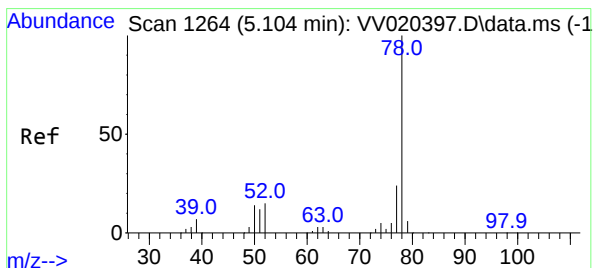
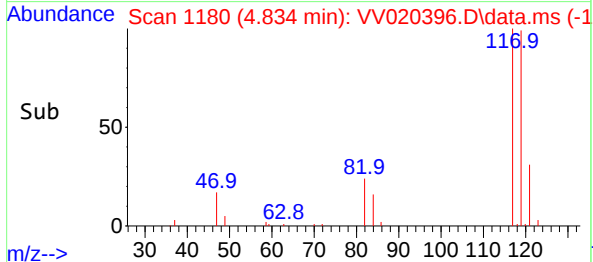
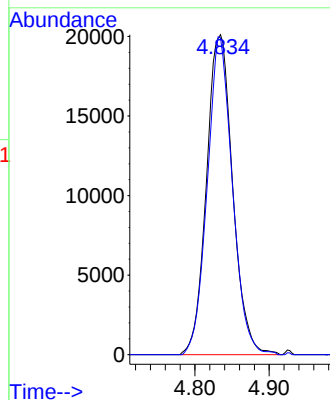
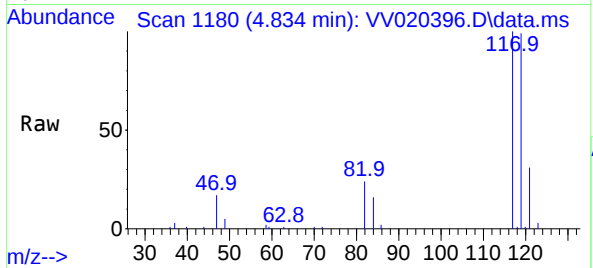




#31
Carbon tetrachloride
Concen: 9.62 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

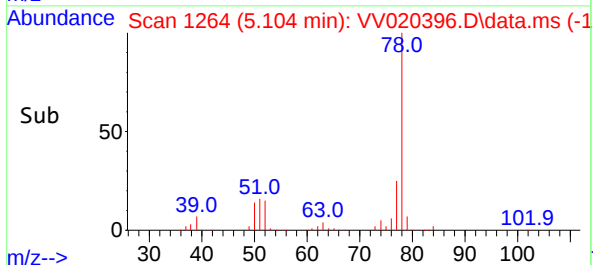
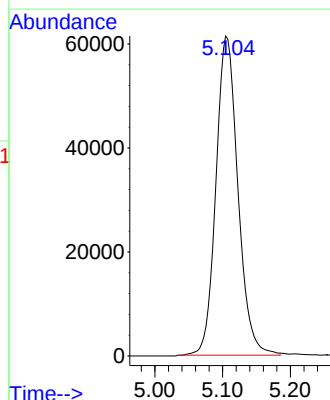
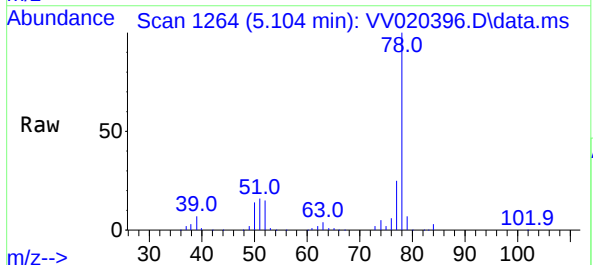
Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

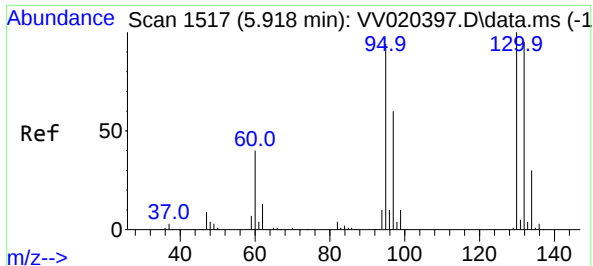
Tgt Ion:117 Resp: 49319
Ion Ratio Lower Upper
117 100
119 94.9 76.9 115.3



#33
Benzene
Concen: 9.87 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 78 Resp: 138350

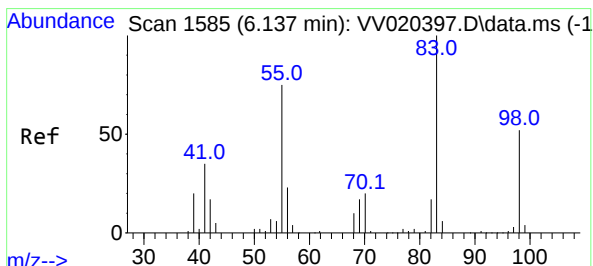
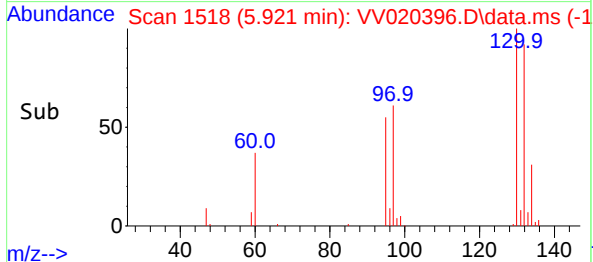
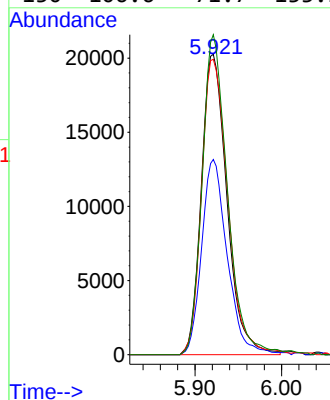
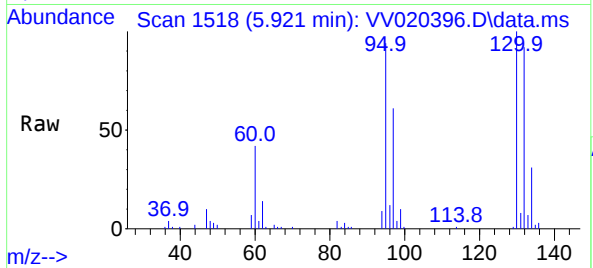




#34
Trichloroethene
Concen: 10.57 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

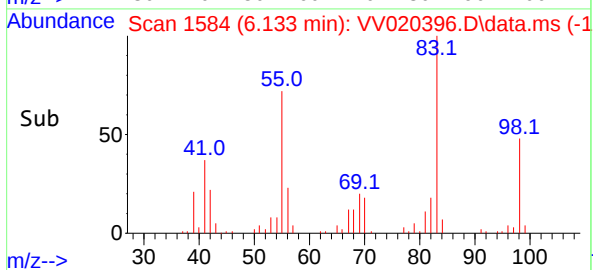
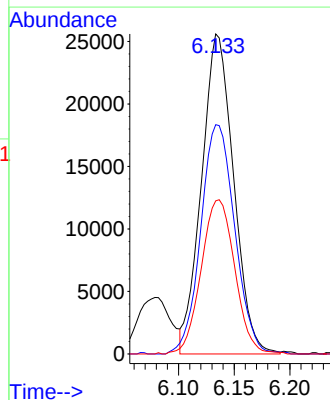
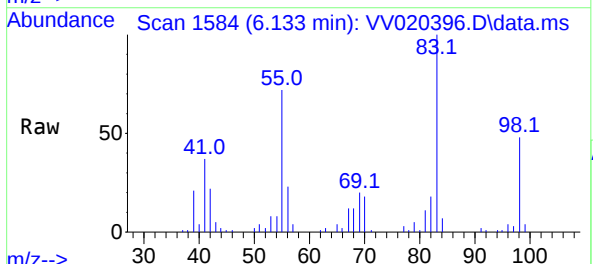
Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

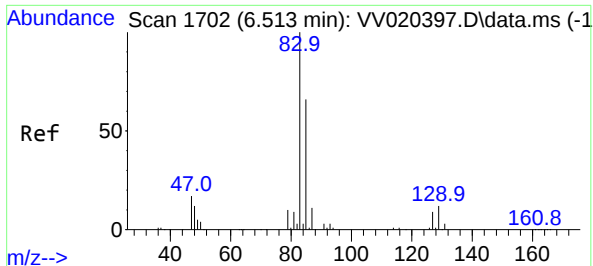
Tgt Ion: 95 Resp: 41704
Ion Ratio Lower Upper
95 100
97 65.0 45.4 84.4
132 98.3 68.7 127.7
130 106.6 71.7 133.1



#35
Methylcyclohexane
Concen: 9.01 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 83 Resp: 51353
Ion Ratio Lower Upper
83 100
55 76.0 61.4 92.0
98 50.5 39.9 59.9

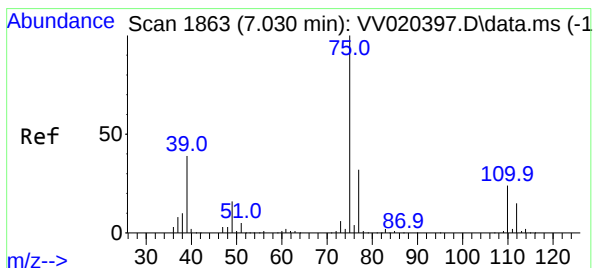
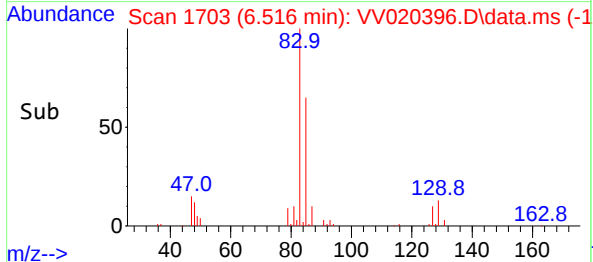
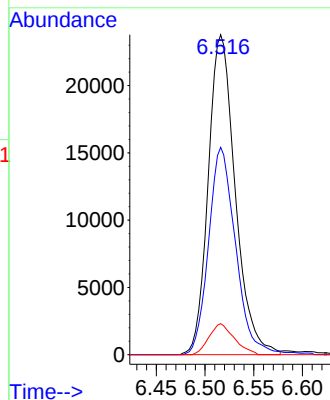
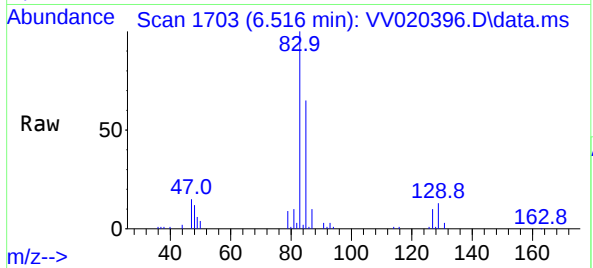




#38
Bromodichloromethane
Concen: 9.01 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

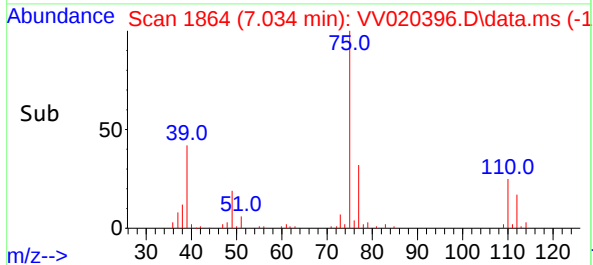
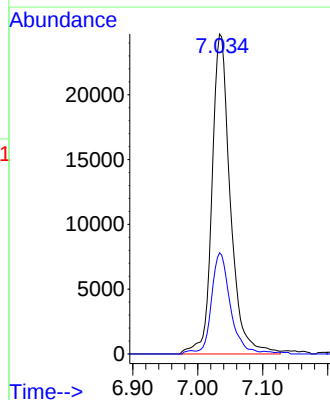
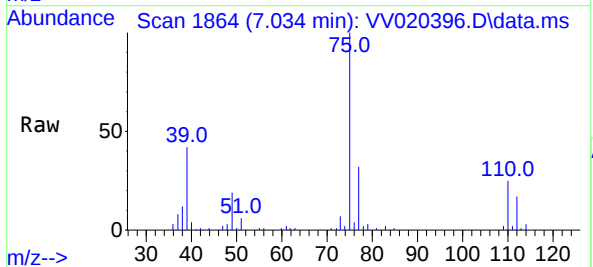
Instrument :
MSVOA_V
ClientSampled :
VSTD010164

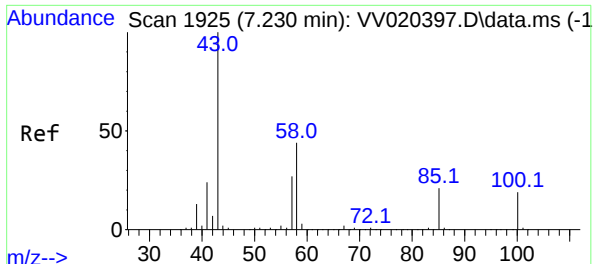
Tgt Ion: 83 Resp: 45836
Ion Ratio Lower Upper
83 100
85 64.8 44.2 82.2
127 9.7 6.8 10.2



#39
cis-1,3-Dichloropropene
Concen: 8.59 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 75 Resp: 48432
Ion Ratio Lower Upper
75 100
77 31.6 21.8 40.6

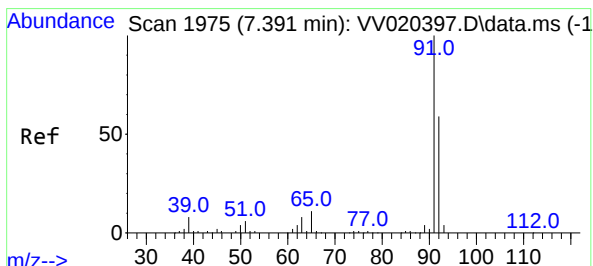
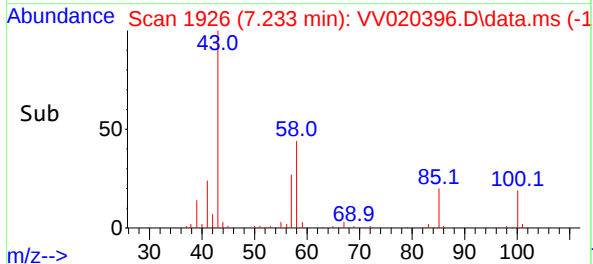
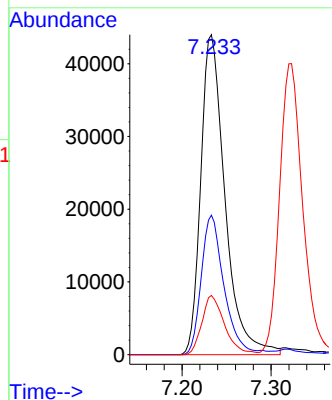
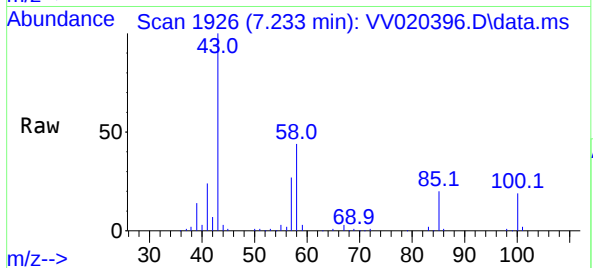




#40
4-Methyl-2-pentanone
Concen: 16.56 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

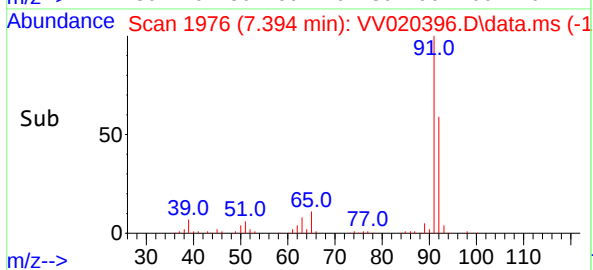
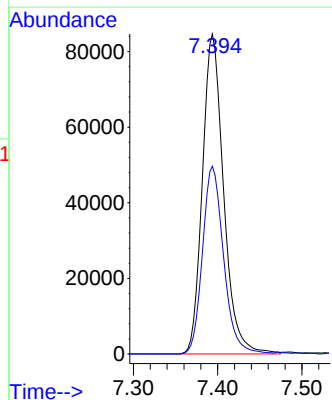
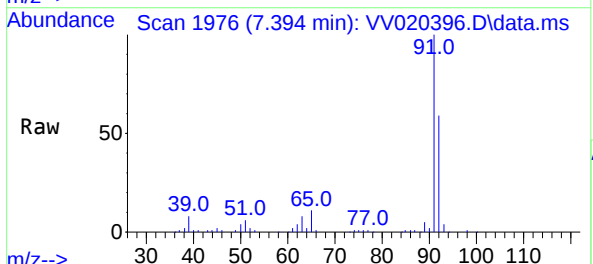
Instrument :
MSVOA_V
ClientSampled :
VSTD010164

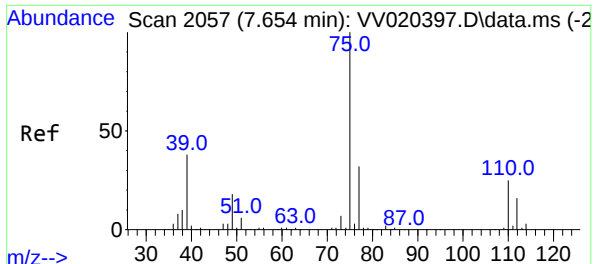
Tgt Ion: 43 Resp: 83283
Ion Ratio Lower Upper
43 100
58 40.6 32.1 48.1
100 17.3 13.4 20.0



#42
Toluene
Concen: 9.75 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 91 Resp: 148356
Ion Ratio Lower Upper
91 100
92 58.6 40.9 75.9

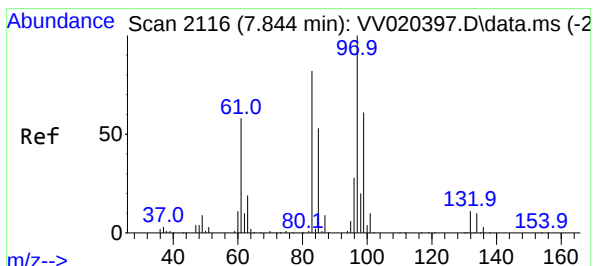
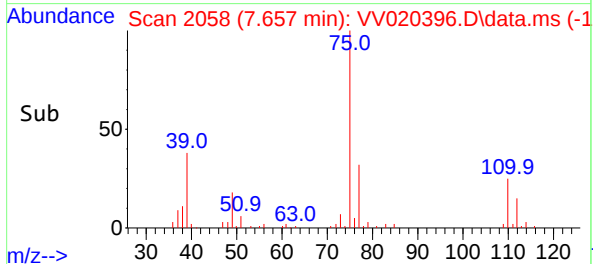
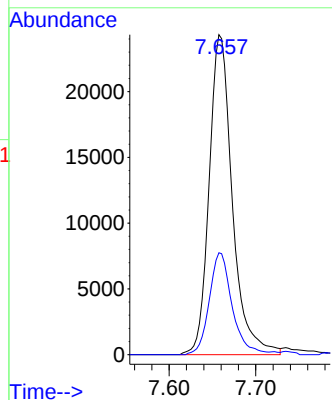
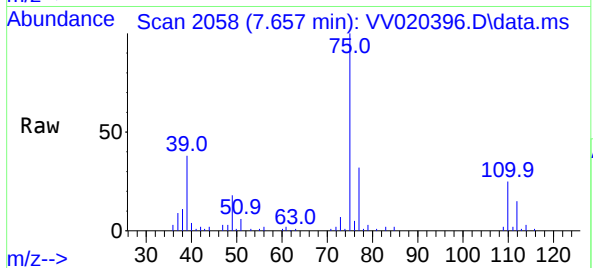




#44
trans-1,3-Dichloropropene
Concen: 8.32 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

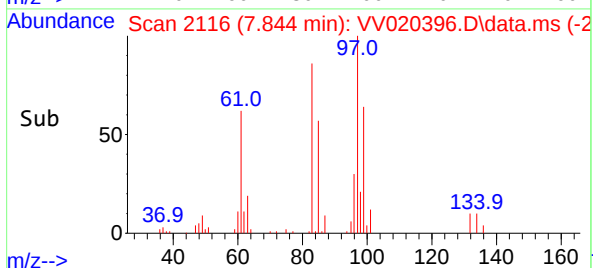
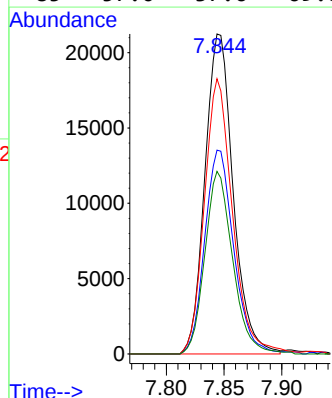
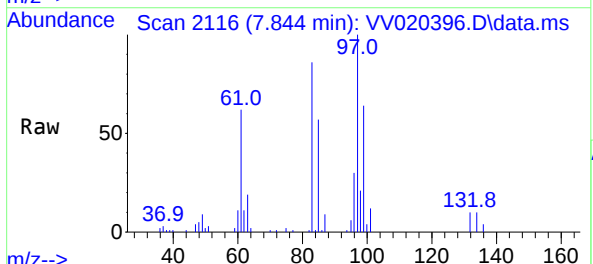
Instrument :
MSVOA_V
ClientSampled :
VSTD010164

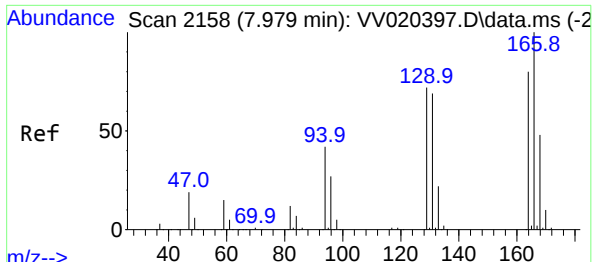
Tgt Ion: 75 Resp: 45323
Ion Ratio Lower Upper
75 100
77 31.8 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 9.94 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 97 Resp: 36154
Ion Ratio Lower Upper
97 100
99 63.7 43.0 79.8
83 86.0 57.8 107.4
85 57.0 37.6 69.8



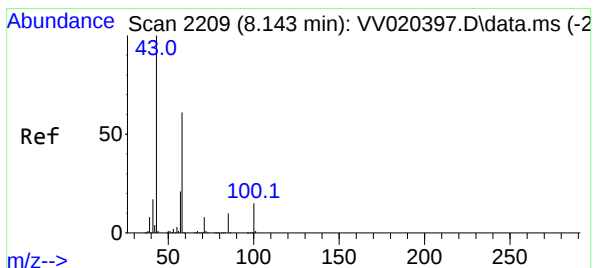
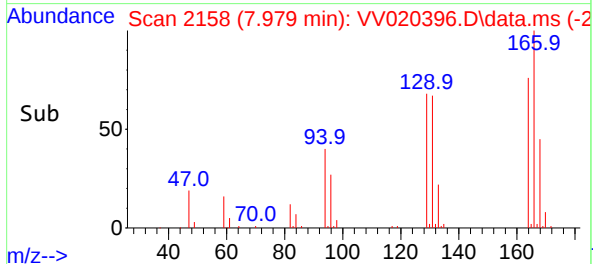
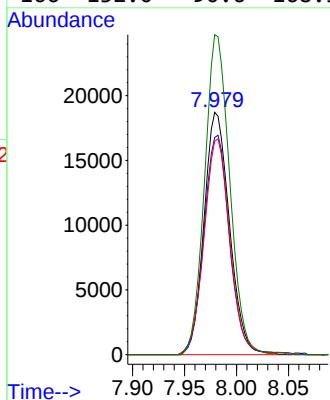
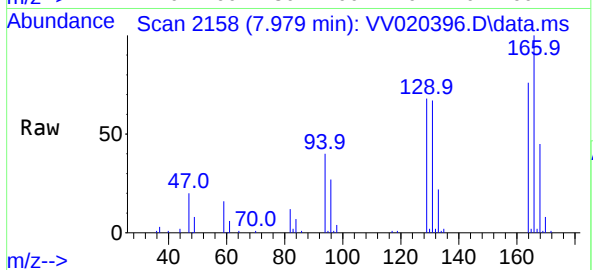


#46
Tetrachloroethene
Concen: 9.99 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

Tgt Ion:164 Resp: 32079

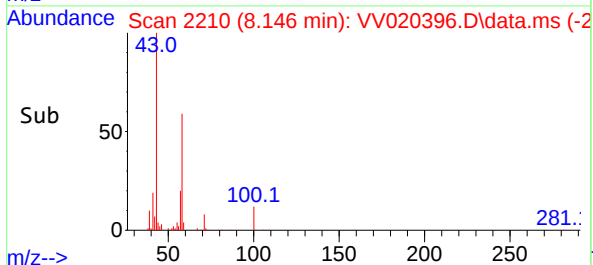
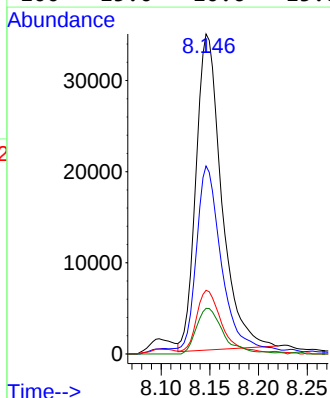
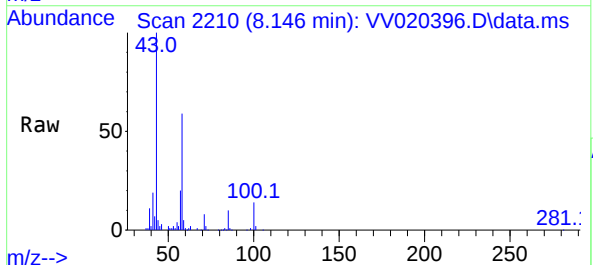
Ion	Ratio	Lower	Upper
164	100		
129	89.7	64.0	118.8
131	88.1	61.2	113.8
166	132.0	90.6	168.3

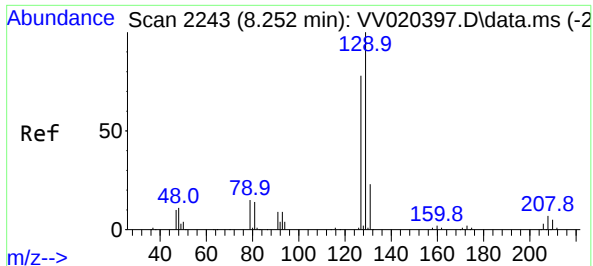


#48
2-Hexanone
Concen: 17.59 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 43 Resp: 63424

Ion	Ratio	Lower	Upper
43	100		
58	59.0	45.3	67.9
57	20.3	15.8	23.6
100	15.0	10.6	15.8





#49

Dibromochloromethane

Concen: 9.14 ug/L

RT: 8.252 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VV020396.D

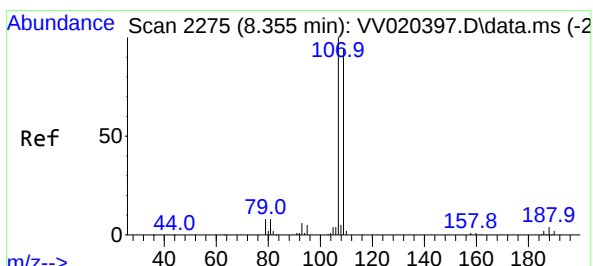
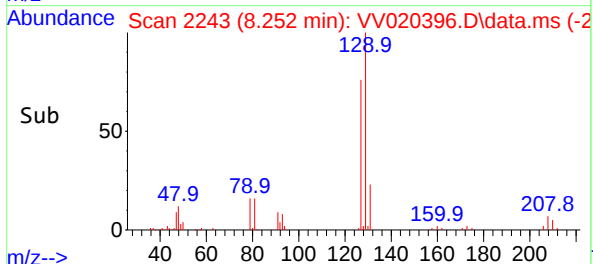
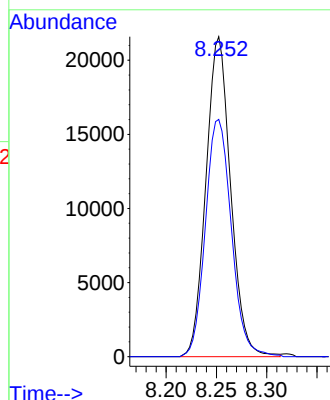
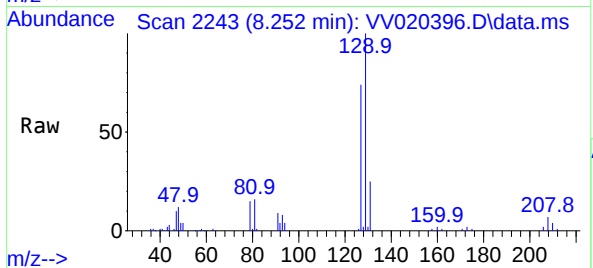
Acq: 24 Feb 2021 15:10

Tgt Ion:129 Resp: 36879

Ion Ratio Lower Upper

129 100

127 74.1 54.7 101.7



#50

1,2-Dibromoethane

Concen: 9.89 ug/L

RT: 8.362 min Scan# 2277

Delta R.T. 0.006 min

Lab File: VV020396.D

Acq: 24 Feb 2021 15:10

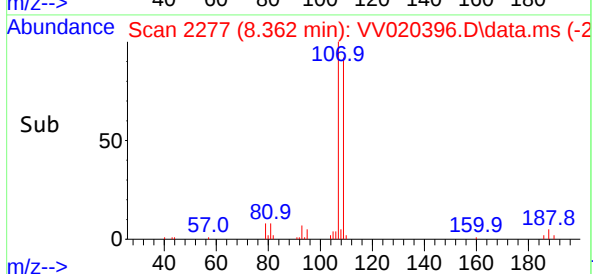
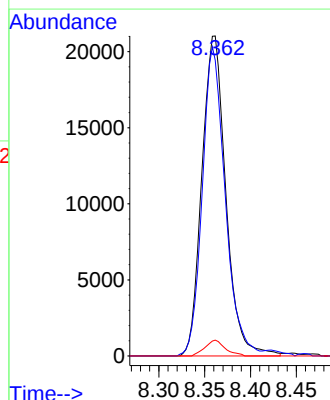
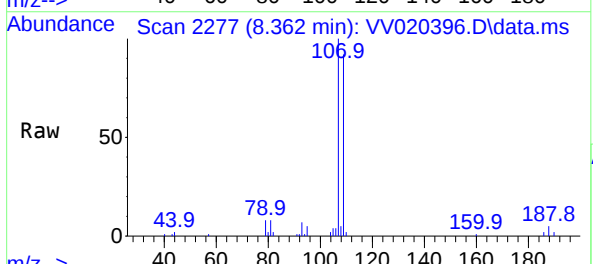
Tgt Ion:107 Resp: 38245

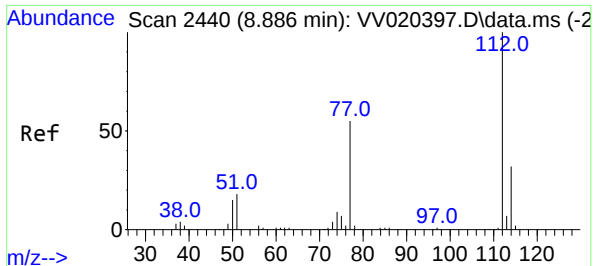
Ion Ratio Lower Upper

107 100

109 92.4 66.2 123.0

188 5.0 3.6 5.4



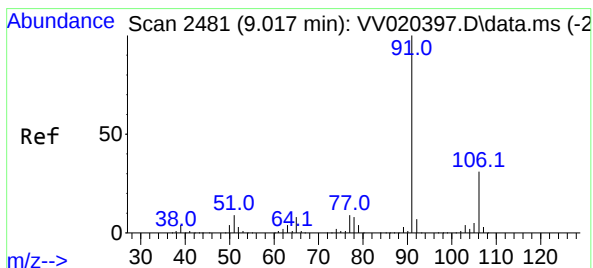
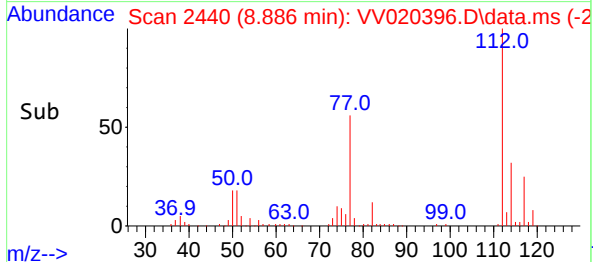
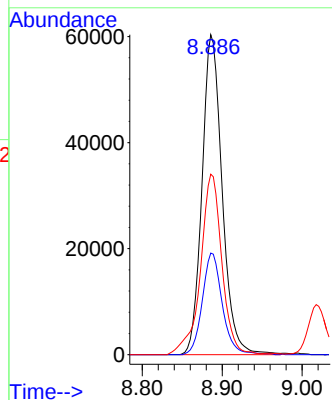
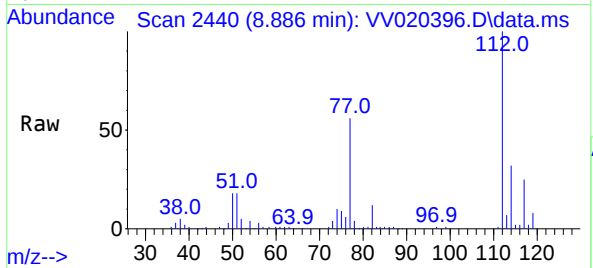


#51
Chlorobenzene
Concen: 10.47 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

Tgt Ion:112 Resp: 105914

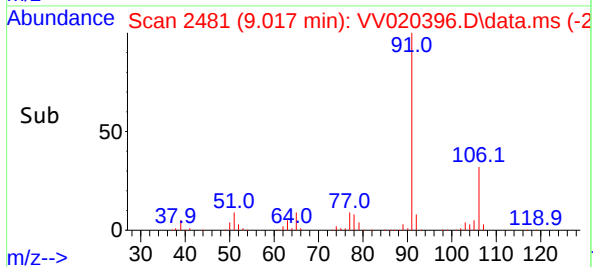
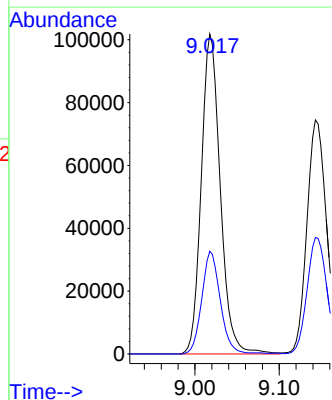
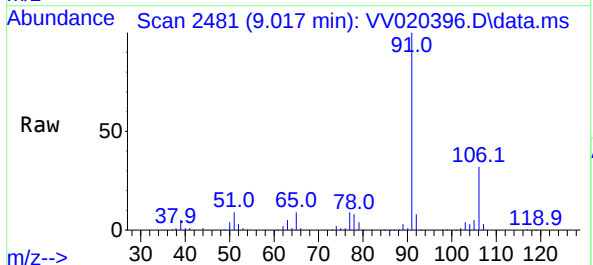
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.5	41.7
77	56.4	47.3	70.9

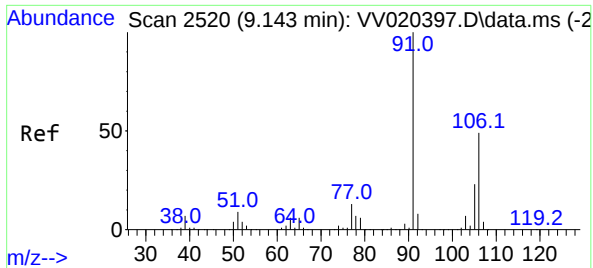


#52
Ethylbenzene
Concen: 9.59 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 91 Resp: 160029

Ion	Ratio	Lower	Upper
91	100		
106	32.1	21.3	39.6

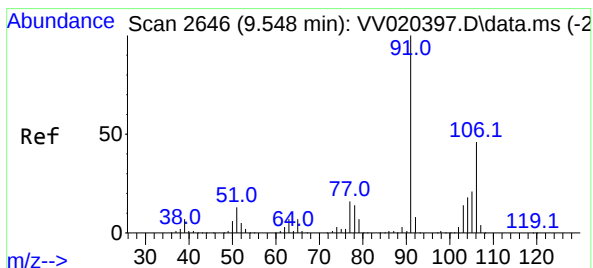
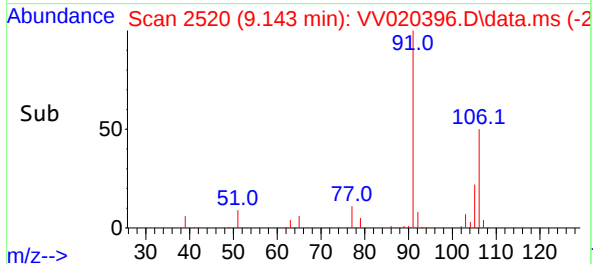
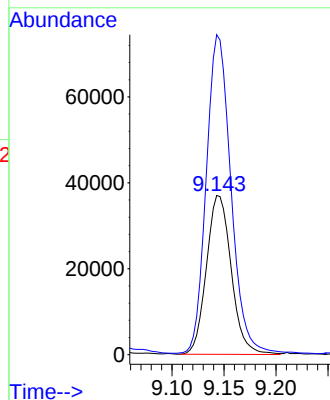
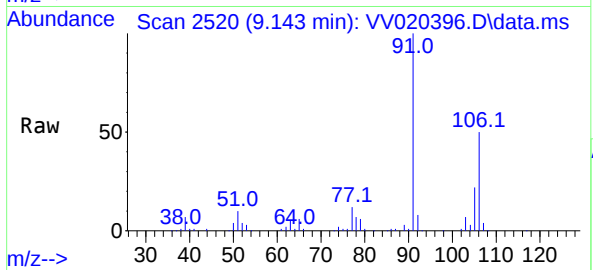




#53
m,p-Xylene
Concen: 9.62 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

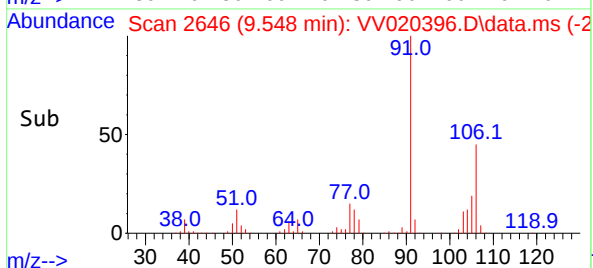
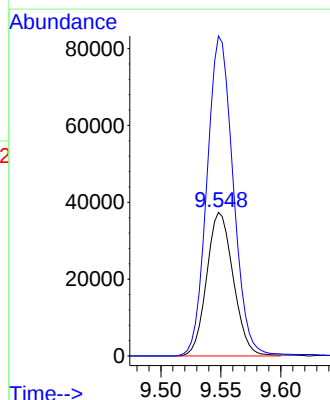
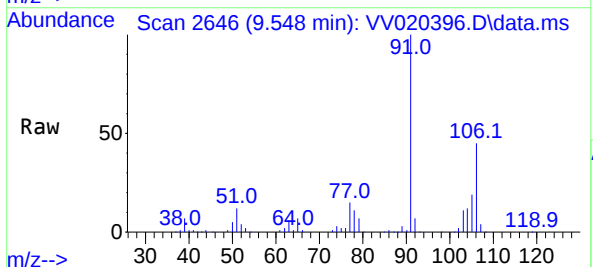
Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

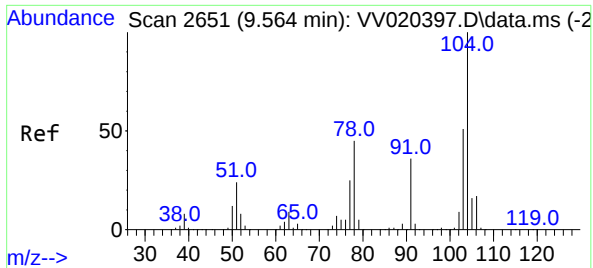
Tgt Ion:106 Resp: 61331
Ion Ratio Lower Upper
106 100
91 200.9 143.1 265.7



#54
o-Xylene
Concen: 9.15 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion:106 Resp: 57587
Ion Ratio Lower Upper
106 100
91 222.9 153.6 285.3

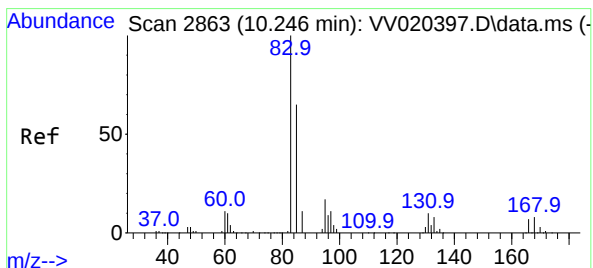
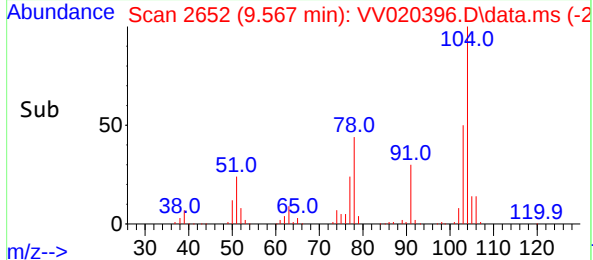
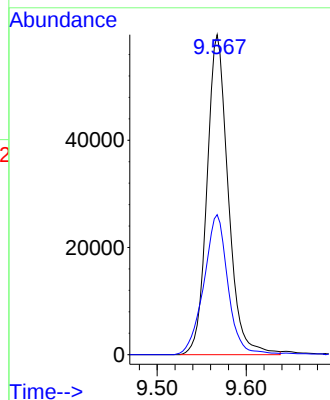
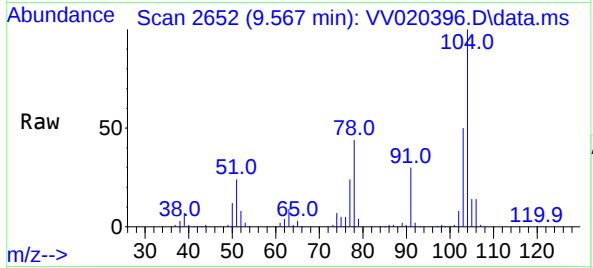




#55
Styrene
Concen: 9.10 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

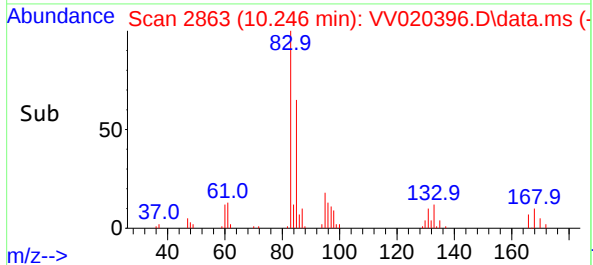
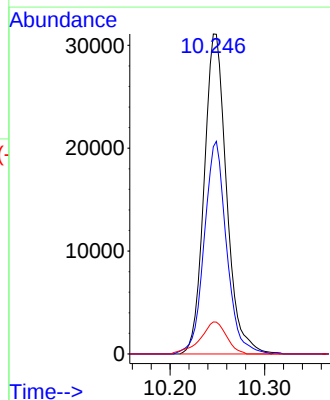
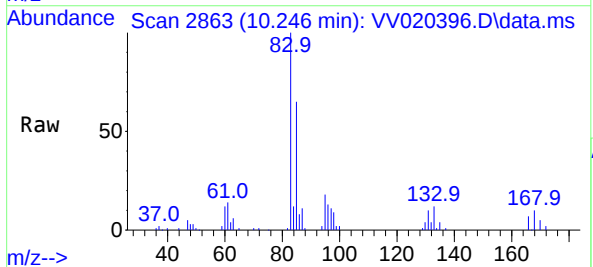
Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

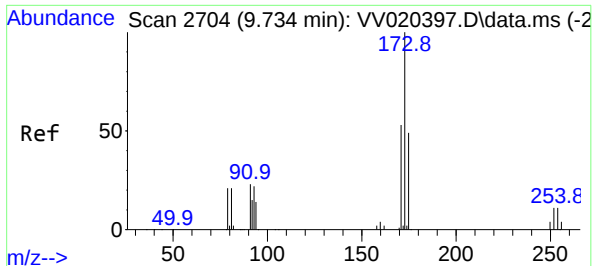
Tgt Ion:104 Resp: 98817
Ion Ratio Lower Upper
104 100
78 43.8 31.6 58.8



#57
1,1,2,2-Tetrachloroethane
Concen: 8.70 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 83 Resp: 51218
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.4
131 10.0 8.6 12.8

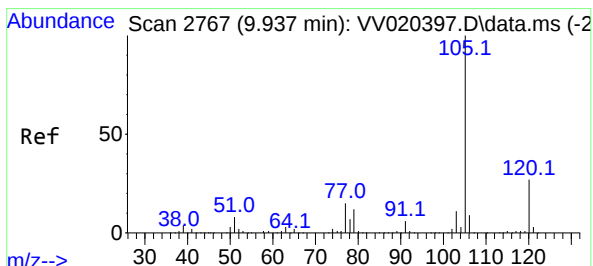
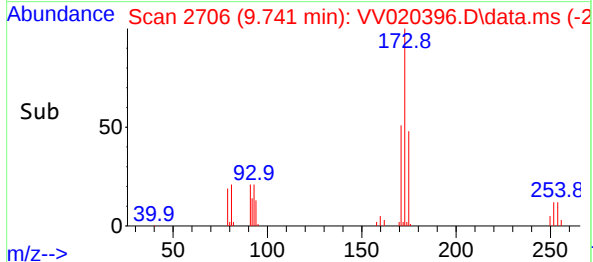
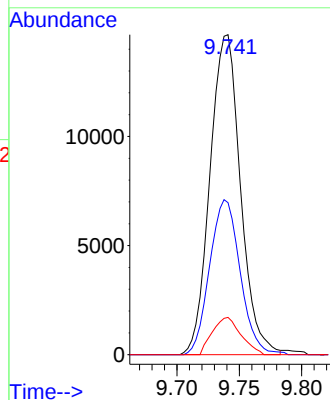
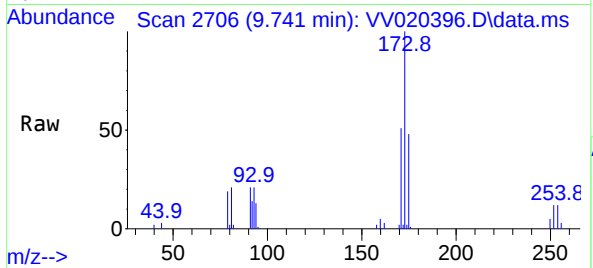




#59
Bromoform
Concen: 8.02 ug/L
RT: 9.741 min Scan# 2706
Delta R.T. 0.006 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

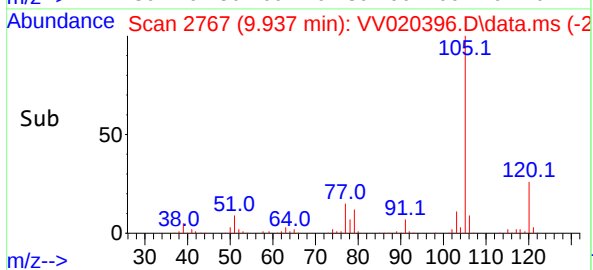
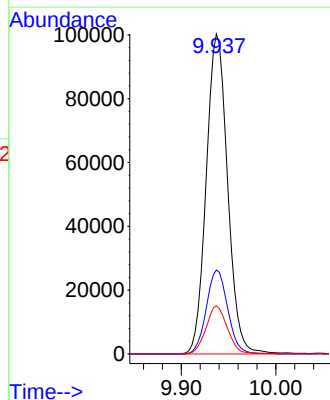
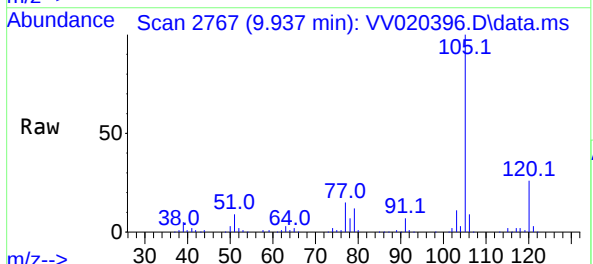
Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

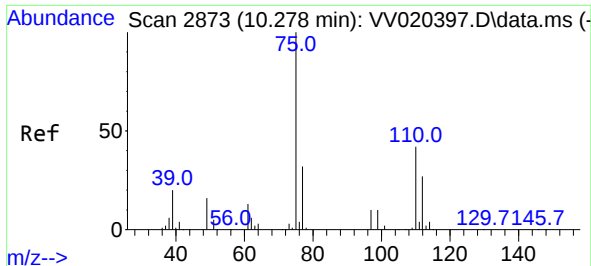
Tgt Ion:	173	Resp:	25002
Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.0	58.6
254	10.9	9.5	14.3



#60
Isopropylbenzene
Concen: 9.48 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion:	105	Resp:	157352
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.2	31.8
77	15.1	11.8	17.6

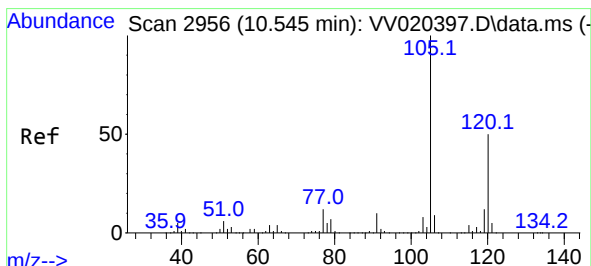
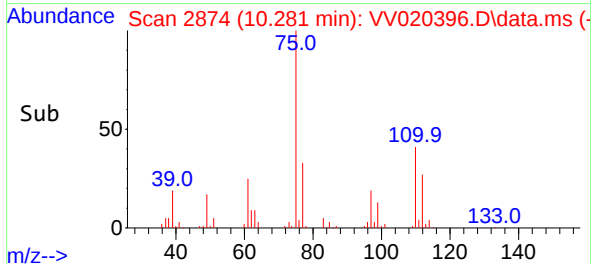
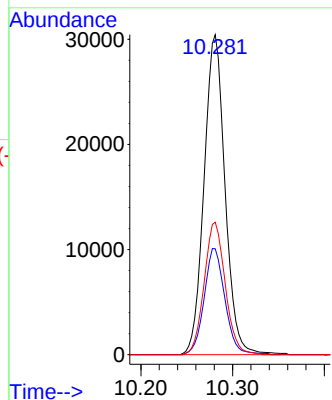
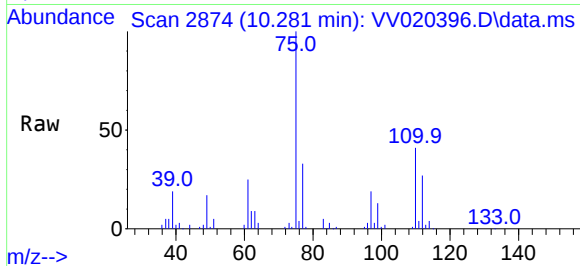




#61
1,2,3-Trichloropropane
Concen: 10.48 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

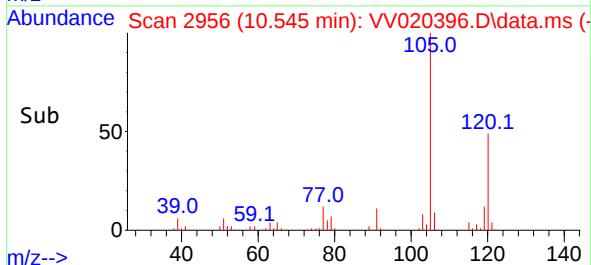
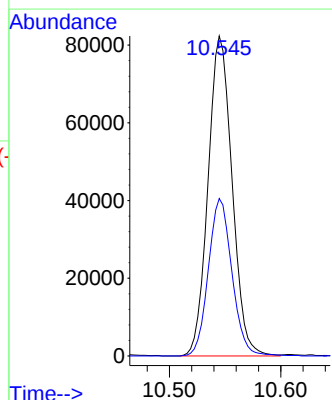
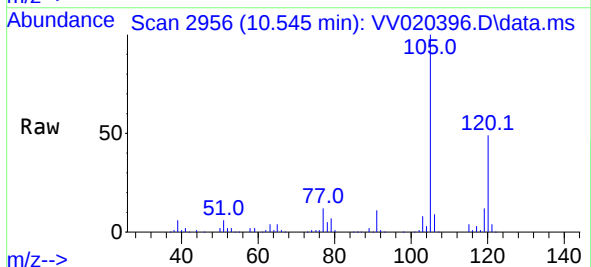
Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

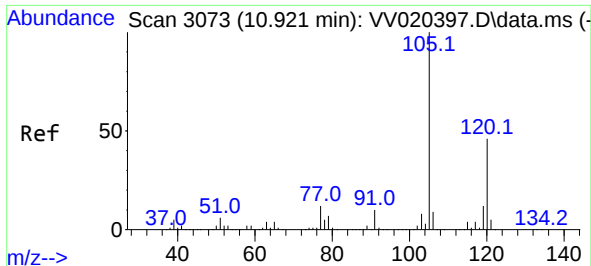
Tgt Ion: 75 Resp: 48473
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
110 41.5 33.3 49.9



#62
1,3,5-Trimethylbenzene
Concen: 8.77 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 105 Resp: 123514
Ion Ratio Lower Upper
105 100
120 48.3 39.9 59.9

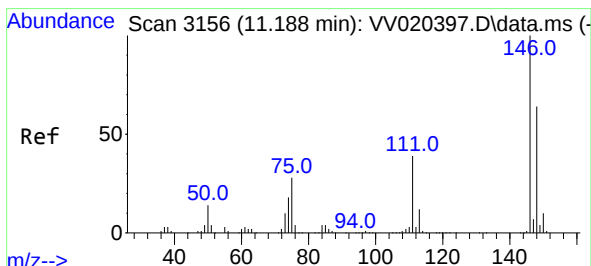
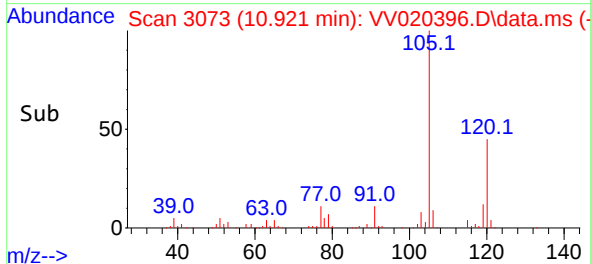
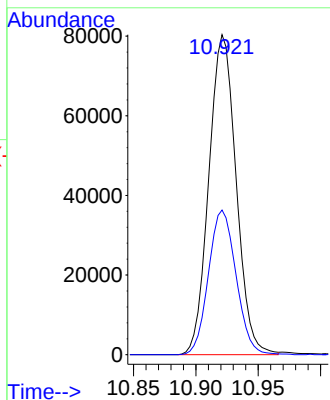
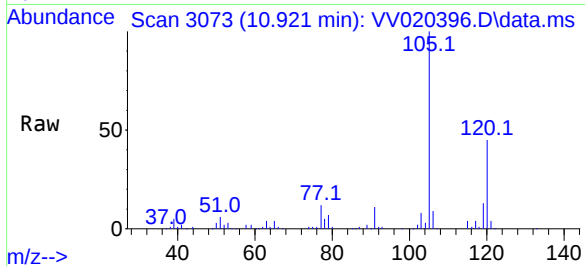




#63
1,2,4-Trimethylbenzene
Concen: 8.83 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

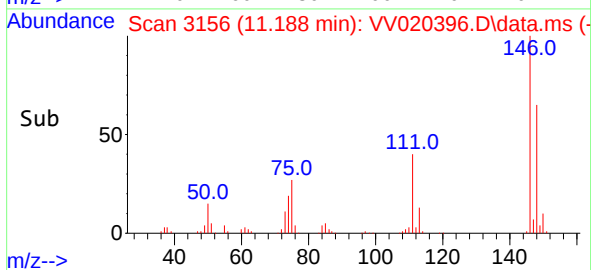
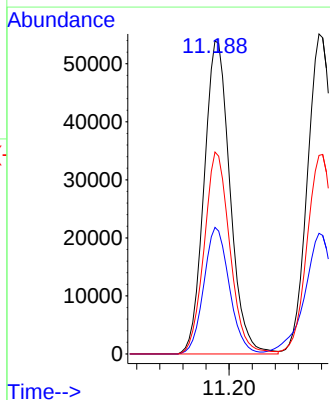
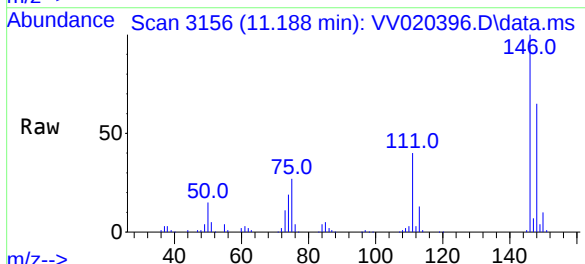
Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

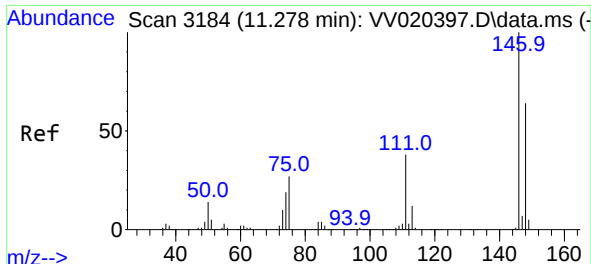
Tgt Ion:105 Resp: 122645
Ion Ratio Lower Upper
105 100
120 45.6 37.0 55.6



#64
1,3-Dichlorobenzene
Concen: 10.05 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion:146 Resp: 84197
Ion Ratio Lower Upper
146 100
111 40.4 27.4 51.0
148 64.5 44.1 81.9

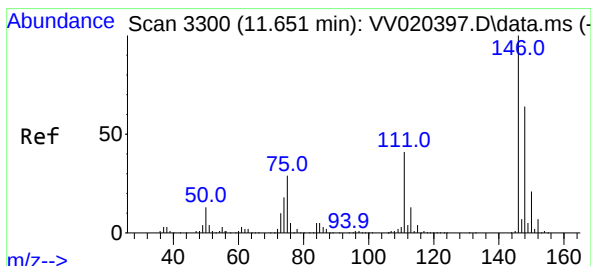
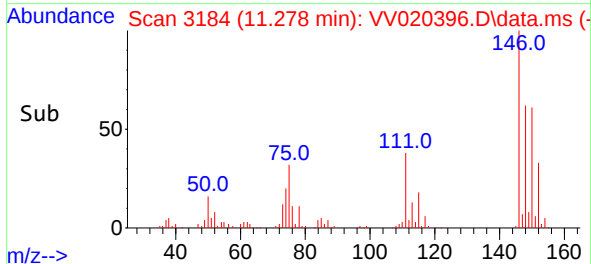
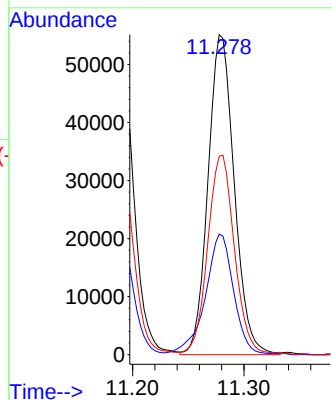
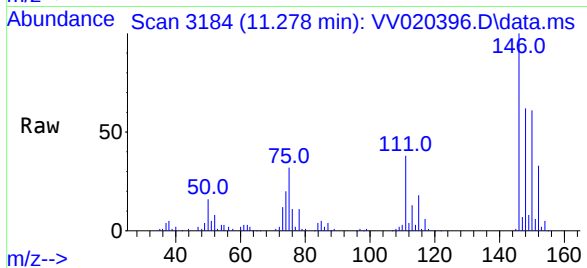




#65
1,4-Dichlorobenzene
Concen: 10.47 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

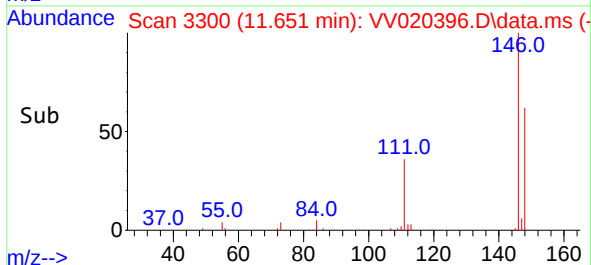
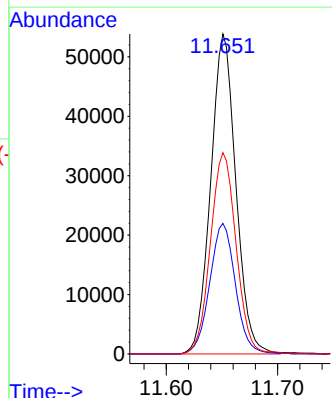
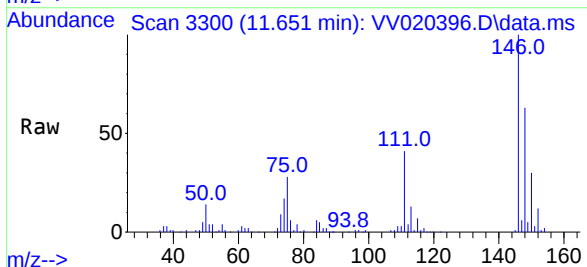
Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

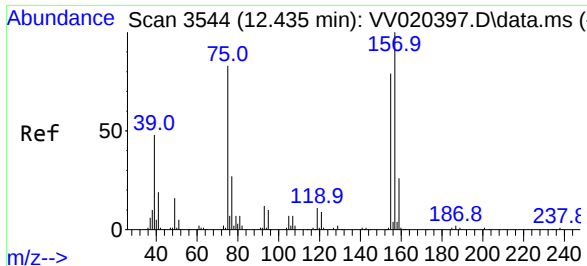
Tgt Ion:146 Resp: 90363
Ion Ratio Lower Upper
146 100
111 37.7 26.1 48.5
148 62.0 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 10.01 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion:146 Resp: 84551
Ion Ratio Lower Upper
146 100
111 40.8 32.4 48.6
148 62.9 51.0 76.4



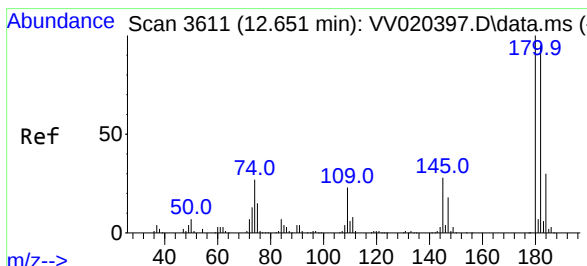
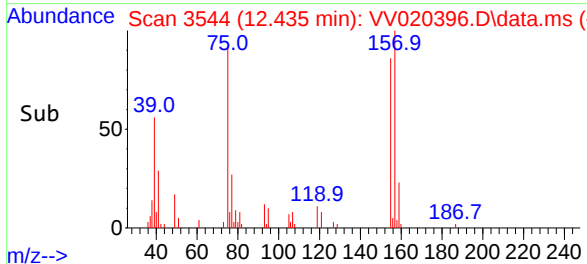
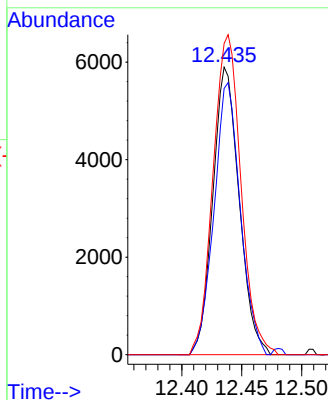
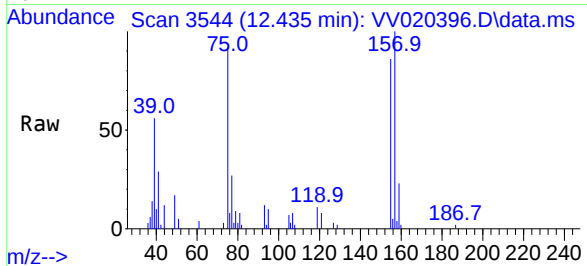


#68
1,2-Dibromo-3-chloropropane
Concen: 6.90 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

Tgt Ion: 75 Resp: 9005

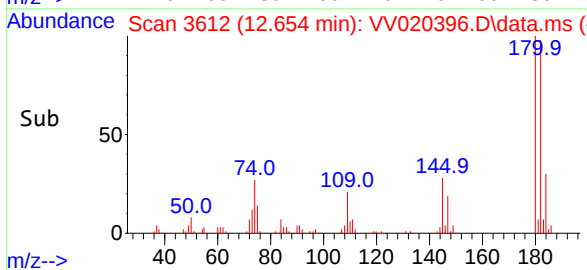
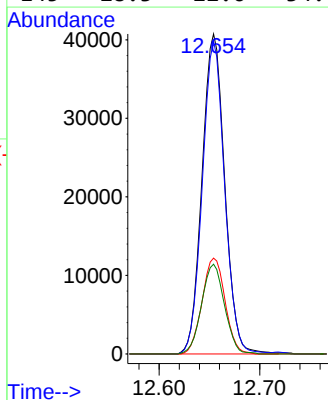
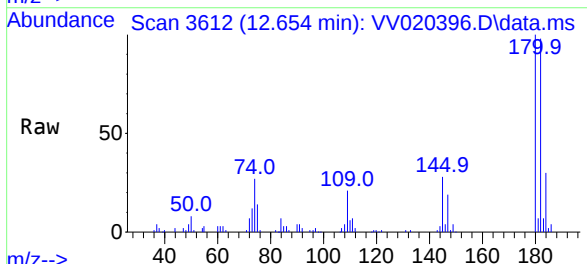
Ion	Ratio	Lower	Upper
75	100		
155	92.6	74.1	111.1
157	108.2	95.8	143.8

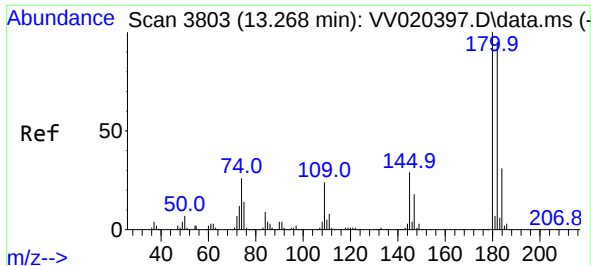


#69
1,3,5-Trichlorobenzene
Concen: 9.13 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 180 Resp: 63762

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.1	114.1
184	30.4	24.1	36.1
145	28.3	22.6	34.0

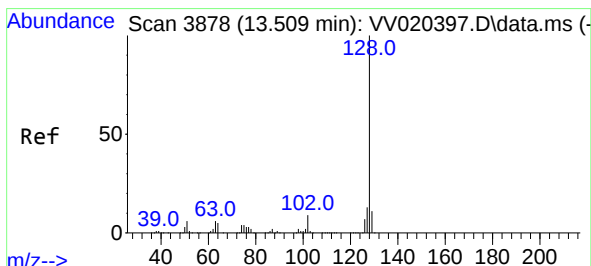
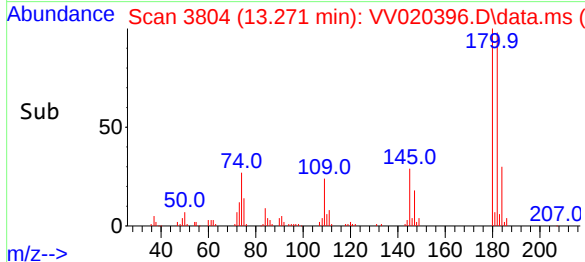
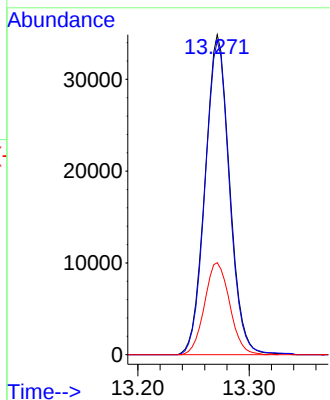
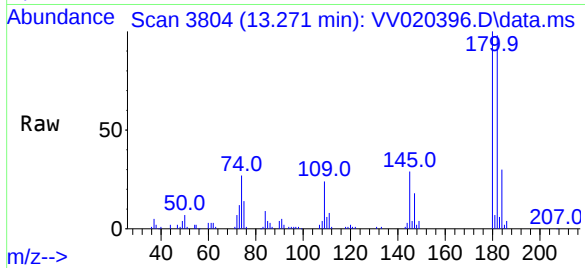




#70
1,2,4-trichlorobenzene
Concen: 8.38 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

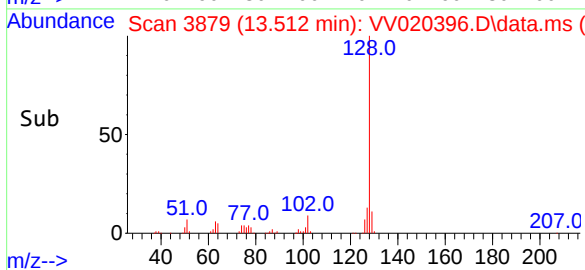
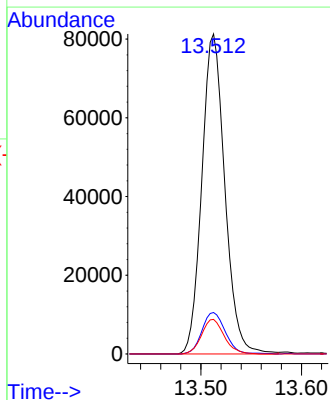
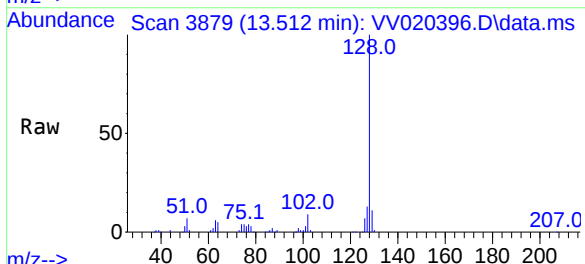
Instrument :
MSVOA_V
ClientSampleId :
VSTD010164

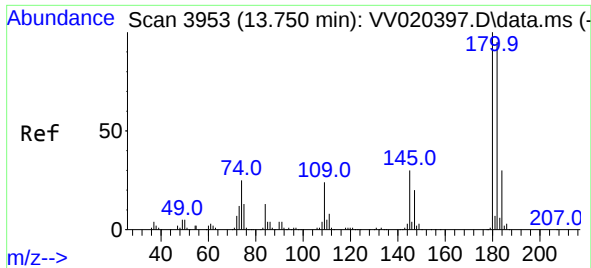
Tgt Ion:180 Resp: 53446
Ion Ratio Lower Upper
180 100
182 97.1 77.1 115.7
145 29.3 23.4 35.2



#71
Naphthalene
Concen: 7.17 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VV020396.D
Acq: 24 Feb 2021 15:10

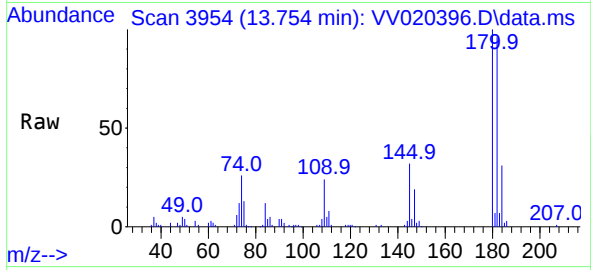
Tgt Ion:128 Resp: 129121
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.6 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 8.43 ug/L
 RT: 13.754 min Scan# 3954
 Delta R.T. 0.003 min
 Lab File: VV020396.D
 Acq: 24 Feb 2021 15:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010164



Tgt Ion:180 Resp: 53734

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	114.8
145	31.7	24.5	36.7

